

756a  
1757  
OR, AN  
**ALMANACK**  
For the YEAR of  
**Our LORD GOD, 1757.**

Being the first after BISSEXTILE, or  
LEAP-YEAR.

And from the World's Creation, 5761.

Wherein is contained the Lunations, Conjunctions, Aspects, and Effects of the Planets; the Increase, Decrease, and Length of the Days and Nights; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all Times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of Stamford (formerly a famous University) whose Latitude is 52 deg. 40 min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

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*Heaven's Volumes are epitomized here,  
To shew th' exact Description of the Year.*

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By **TYCHO WING, Philomath.**

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LONDON:

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STATIONERS.

*Ephemerides. k.*

# Common Notes for the YEAR 1757.

Golden Number	10
Epact	9
Cycle of the Sun	2
Dominical Letter	B
Roman Indiction	5
Number of Direction	20

## A TABLE of TERMS and their RETURNS.

Hilary-Term begins *Jan. 23*, ends *Feb. 12*.

>Returns or Essoign-days.		Exc.	Ret.	Ap.	W. D.
In eight days of St. Hilary,	<i>Jan. 20</i>	21	22	24	Monday
From the day of St. Hilary in 15 days,	27	28	29	31	Monday
On the morrow of the Purif. Blessed Mary, <i>Feb. 3</i> ,	4	5	7	Monday	
In eight days of the Purif. of Blessed Mary,	9	10	11	12	Saturday

Easter-Term begins *April 27*, ends *May 23*.

From the day of Easter in 15 days,	<i>April 24</i>	25	26	27	Wednesday
From the day of Easter in 3 weeks,	<i>May 1</i>	2	3	4	Wednesday
From the day of Easter in 1 month,	8	9	10	11	Wednesday
From the day of Easter in 5 weeks,	15	16	17	18	Wednesday
On the morrow of the Ascension,	20	21	22	23	Monday

Trinity-Term begins *June 10*, ends *June 29*.

On the morrow of the holy Trinity,	<i>June 6</i>	7	8	10	Friday
In eight days of the holy Trinity,	12	13	14	15	Wednesday
From the day of holy Trinity in 15 Days,	19	20	21	22	Wednesday
From the day of holy Trinity in 3 Weeks,	26	27	28	29	Wednesday

Michaelmas-Term begins *Nov. 7*, ends *Nov. 28*.

On the morrow of All Souls,	<i>Nov. 3</i>	4	5	7	Monday
On the morrow of St. Martin,	12	13	14	15	Tuesday
In eight days of St. Martin,	18	19	20	21	Monday
In 15 days of St. Martin,	25	26	27	28	Monday

**N. B.** No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and the 2d of February.

The Exchequer opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

**Note.** That the first and last Days of every Term, are the first and last Days of Appearance.

W I N G 1757.

The Regal Table.

The Year, Month, and Day, when each King and Queen began to Reign, accounting the Year to begin Jan. 1.	Length of each Reign, accountin. 28 D. a Month.	Number of Years expired since they began to Reign.
Kings Names began to reign	Y. M. D.	Beg Kings Names.
William I.	1066 Oct. 14	20 11 22 691 William 1
William II.	1087 Sept. 9	12 11 18 670 William 2
Henry I.	1100 Aug. 1	35 4 12 657 Henry 1
Stephen	1135 Dec. 2	18 11 19 622 Stephen
Henry II.	1154 Oct. 25	34 9 2 603 Henry 2
Richard I.	1189 July 6	9 9 22 568 Richard 1
John	1199 April 6	17 7 1 558 John
Henry III.	1216 Oct. 19	56 1 1 541 Henry 3
Edward I.	1272 Nov. 16	34 8 9 485 Edward 1
Edward II.	1307 July 7	19 7 6 450 Edward 2
Edward III.	1327 Jan. 25	50 5 7 430 Edward 3
Richard II.	1377 June 21	22 3 16 380 Richard 2
Henry IV.	1399 Sept. 29	13 6 4 358 Henry 4
Henry V.	1413 Mar. 20	9 5 24 344 Henry 5
Henry VI.	1422 Aug. 31	38 6 17 335 Henry 6
Edward IV.	1461 Mar. 4	22 1 8 296 Edward 4
Edward V.	1483 April 9	0 2 18 274 Edward 5
Richard III.	1483 June 22	2 2 5 274 Richard 3
Henry VII.	1485 Aug. 22	23 8 19 272 Henry 7
Henry VIII.	1509 Apr. 22	37 10 1 248 Henry 8
Edward VI.	1547 Jan. 28	6 5 19 210 Edward 6
Q. Mary I.	1553 July 6	5 4 22 204 Q. Mary 1
Q. Elizabeth	1558 Nov. 17	44 4 15 199 Q. Elizabeth
James I.	1603 Mar. 24	22 0 3 154 James 1
Charles I.	1625 Mar. 27	23 11 1 132 Charles 1
Charles II.	1649 Jan. 30	36 0 7 108 Charles 2
James II.	1685 Feb. 6	4 0 17 72 James 2
Will. 3. & M	1689 Feb. 13	13 0 14 68 William 3
Q. Anne	1702 Mar. 8	12 5 6 55 Q. Anne
George I.	1714 Aug. 1	12 11 6 43 K. George 1
George II.	1727 June 11	Whom God grant to long reign.

A Table of the Moon's Southing, of excellent Use to find  
the Time of High-Water, and Hour of the Night, for the  
first six Months of this present Year 1757.

Days	Jan.		Feb.		March		April		May		June		Days	I
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.		
1	9A	15	10A	11	8A	54	10A	4	10A	22	11A	30	Morn.	2
2	10	2	10	58	9	42	10	51	11	12	○	39	Morn.	3
3	10	49	11	45	10	31	11	38			○	3	1	42
4	11	35	Morn.		11	17	Morn.		○	26	○	59	2	43
5	Morn.		○	31	Morn.		○	26	○	59	1	55	3	43
6	○	33	1	17	○	3	1	17	2	55	3	43	6	
7	1	9	2	3	○	49	2	8	2	55	4	49	7	
8	1	56	2	49	1	36	3	3	3	55	5	35	8	
9	2	42	3	34	2	24	4	0	4	55	6	24	9	
10	3	26	4	22	3	14	4	58	5	53	7	12	10	
11	4	11	5	12	4	7	5	56	6	47	8	0	11	
12	4	55	6	5	4	59	6	54	7	39	8	46	12	
13	5	42	7	0	5	55	7	51	8	28	9	34	13	
14	6	32	7	57	6	55	8	46	9	17	10	18	14	
15	7	22	8	58	7	54	9	38	10	3	11	5	15	
16	8	18	10	0	8	52	10	28	10	51	11	53	16	
17	9	17	11	0	9	50	11	17	11	37	○A	42	17	
18	10	18	11	58	10	44	○A	6	○A	25	1	90	18	
19	11	21	○A	52	11	38	○	53	1	14	2	18	19	
20	○A	24	1	44	○A	29	1	42	2	3	3	4	20	
21	1	23	2	34	1	18	2	30	2	52	3	49	21	
22	2	17	3	22	2	7	3	19	3	40	4	34	22	
23	3	10	4	9	2	54	4	8	4	26	5	17	23	
24	3	59	4	56	3	42	4	56	5	12	6	1	24	
25	4	46	5	43	4	31	5	43	5	58	6	46	25	
26	5	31	6	31	5	19	6	30	6	43	7	33	26	
27	6	17	7	18	6	7	7	16	7	27	8	22	27	
28	7	2	8	6	6	56	8	2	8	13	9	16	28	
29	7	48			7	43	8	48	9	1	10	13	29	
30	8	35			8	30	9	34	9	51	11	14	30	
31	9	23			9	18			10	43			31	

Note, The Moon, or any Star, is said to be South, when they appear in that Quarter of the Heavens in which the Sun is at Noon-day, which for the Moon this Table will direct.

Table of the Moon's Southing, of excellent Use to find  
the Time of High-Water, and Hour of the Night, for the  
last six Months of the present Year 1757.

Days	July		August		Sept.		Octob.		Nov.		Dec.	
	Morn.	h. m.	Morn.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1	0	17	1	57	3	17	3	45	4	59	5	7
2	1	21	2	51	4	6	4	34	5	46	5	51
3	2	22	3	42	4	55	5	24	6	34	6	33
4	3	19	4	32	5	45	6	13	7	20	7	16
5	4	13	5	19	6	33	7	1	8	4	8	0
6	5	4	6	7	7	22	7	49	8	47	8	45
7	5	53	6	55	8	11	8	36	9	31	9	32
8	6	39	7	42	8	59	9	21	10	17	10	23
9	7	24	8	31	9	46	10	5	11	4	11	17
10	8	11	9	19	10	32	10	51	11	53	0	A 15
11	8	57	10	7	11	17	11	36	10	A 46	1	16
12	9	45	10	54	oA	2	oA	22	1	42	2	18
13	10	34	11	40	o	46	1	10	2	40	3	17
14	11	21	oA	27	1	32	2	0	3	39	4	14
15	oA	9	1	12	2	18	2	52	4	38	5	9
16	0	56	1	56	3	5	3	48	5	35	6	0
17	1	42	2	39	3	56	4	46	6	29	6	49
18	2	27	3	24	4	49	5	45	7	22	7	35
19	3	11	4	10	5	45	6	42	8	12	8	23
20	3	55	4	58	6	43	7	40	9	2	9	10
21	4	39	5	51	7	41	8	35	9	50	9	58
22	5	24	6	45	8	40	9	28	10	38	10	46
23	6	11	7	43	9	40	10	18	11	26	11	37
24	7	1	8	43	10	35	11	9	Morn.	Morn.		
25	7	56	9	45	11	29	11	59	o	16	o	25
26	8	54	10	47	Morn.		Morn.		1	5	1	15
27	9	55	11	46	o	22	o	49	1	55	2	2
28	10	58	Morn.		1	14	1	39	2	44	2	47
29	12	0	o	42	2	4	2	29	3	33	3	33
30	Morn.		1	35	-		3	18	4	15		

you; and for the Planets and most remarkable fix'd Stars, their Southings are noted in every Month in the Year, by which the Hour of the Night may be readily discover'd.

# W I N G 1757.

*The Use of the preceding TABLE of the Moon's Southing,  
find the Time of High-Water, and Hour of the Night.*

## I. To find the Time of High-Water in most Ports of E N G L A N D.

Take the Time of the Moon's Southing for the Day pro-  
posed, and to that add the Hours and Minutes which stand  
against the Place required in the following Table of Sea-  
Coasts, and the Sum will be the Time of High-Water at the  
Place required on that Day.

### A T A B L E of the Sea-Coasts.

	H. M.
Portsmouth, Queenborough, Southampton,	0 0
Rochester, Winchelsea, Flushing,	0 4
Downs, Gravesend, Ramkins, Guernsey,	1 3
Denbigh, Bell-Isle, Holy-Isle, Downs-Road,	2 1
London, Timmouth, Whitby, Hartlepool,	3 0
Scarborough, Berwick, Flushing, Staples,	3 4
Flamborough, Humber, Bridlington-Bay,	4 3
Plymouth, Ramsey, Newcastle, Severn,	5 1
Lynn, Fosdyke, Hull, Weymouth, Dartmouth, Cross-keys,	6 0
Boston, Start-Point, Foulness; Bristol-Key,	6 4
Bridgewater, Milford-Haven, Lizard, Wintertown,	7 3
Yarmouth, Isle of White, the Needles,	8 1
Isle of Man, Orkney, Pool, South-Foreland,	9 1
Dover, Harwich, Orfordness, Bullein,	10 1
Rye, Solebay, Margate-Road,	11 1

## II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,

2. If the Shadow wants of 12, see how much it wants of it; which Time, subtracted from that of the Moon's Southing leaves the Time of Night. Note, You must add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has past 12, add the Time that it has past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from that Sum, if need be.

# The Kalendar explain'd.

The Left hand Pages contain at Top

The New and Full Moons with their Quarters; also the Rising and Setting of Jupiter and Venus to every fifth Day.

Below which are seven Columns.

The first is the Days of the Month. The second the Days of the Week, Sundays being marked with the Dominical Letter for the Year.

The third Column contains the Fasts and Festivals of the Church of England, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon. The fifth contains the Moon's true Place in Longitude, exactly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every Day at Noon in the Meridian of London.

The seventh contains the Planets Mutual Aspects and Variation of the Air.

On the Tops of the Right-hand Pages

Are nine Columns, containing the true Longitude and Declination of Saturn, Jupiter, Mars, and Venus, to every 5th Day of the Month.

Below which

Are four other Columns. The first is the Days of the Month. The secqnd Column contains the Sun's true Place.

The third is the Sun's Declination.

The fourth Column under Observations, you have the Rising, Southing, and Setting of Saturn, Mars, and Mercury to certain Days; also the Moon's Appulse to some noted fixed Stars, and Planets, with many other useful Remarks.

Note. You have the Longitude and Declination of Mercury in the Page after December.

# January 1757.

Fall Moon the 5th day, at noon.

Last Quarter the 13th day, at 11 in the morn.

New Moon the 20th day, at 2 in the morn.

First Quarter the 27th day, at 2 in the morn.

Days	Jupiter rises.	Venus sets.	Wing
1	3 M 8	4 M 53	
6	2 51	5 15	
11	2 33	5 15	
16	2 16	5 24	
21	1 59	5 31	
26	1 40	5 40	

M	W	Holy Days	Moon rises & sets.	Moon's Place.	Moon's Declin	Aspects and Weather.
1	S	Circumcision	3 M 53	28 ♈ 0 14 N 45		
2	B	2 S. aft. Chrl.	4 54	9 ♐ 59 17 7		Wet and Windy
3	M	Sun rise 8 8	5 54	21 52 18 42		* ⊖ ♀
4	T	Sun set 3 53	6 46	3 ♎ 43 19 30		* ♀ ♀
5	W	Old Chrl. D.	D rises.	15 32 19 27		about the Begin-
6	T	Epiphany	5 A 20	27 23 18 30		* ♀ ♀ ♂ ○ ♀
7	F	Cl. fast 6 57	6 19	9 ♋ 17 16 47		ning.
8	S	Lucian	7 21	21 16 14 17		
9	B	1 S. aft. Epip.	8 24	3 ♏ 23 11 10		
10	M	Pfs. Eliz. bor	9 31	15 40 7 31		Sharp Frosty Wea-
11	G	Day br. 5 53	10 39	28 12 3 29		* ♀ ♂
12	W	Old N.Y. day	11 49	11 ♐ 2 0 S 47		ther, perhaps some
13	T	Sun rise 7 59	Morn.	24 12 5 8		Hilary B. and Co.
14	F	Sun set 4 2	1 2	7 ♑ 46 9 22		Snow.
15	S		2 14	21 46 13 13		
16	B	2 S. aft. Epip.	3 31	6 ♍ 12 16 23		
17	M	Old Twelf. d.	4 47	21 11 18 35		
18	G	Prisca Virgin	5 57	6 ♏ 6 19 32		
19	W	Cl. fast 11 23	6 5;	21 18 19 6		
20	G	Fabian	D sets.	6 ♎ 27 17 17		
21	F	Agnes Virg.	6 A 19	21 24 14 17		♂ ♂ ♀
22	S	Vincent	7 40	5 ♋ 59 10 28		
23	B	3 S. aft. Epip.	8 56	20 10 6 8		Windy and some
24	M	Term begins	10 9	3 ♏ 52 1 39		
25	T	Con. St. Paul	11 19	17 8 2N 47		□ ♀ ♀ Showers.
26	W	Sun rise 7 40	Morn.	29 59 6 56		Cold.
27	T	Sun set 4 21	0 27	12 ♈ 30 10 42		Dark gloomy
28	F	Twilig. 2 2	1 32	24 45 13 54		Weather.
29	S		2 35	6 ♐ 48 16 27		
30	B	4 S. aft. Epip.	3 36	18 42 18 17		K. Ch. I. Mitt.
31	M	Day br. 5 32	4 22	0 ♎ 33 19 19		

Wing.	J S A G	Saturn.		Jupiter.		Mars.		Venus.	
		III	Declin.	III	Declin.	Vp	Declin.	↑	Declin.
Janu. 1757.	1	8	58° 18' S 49"	13	18° 14' S 49"	6	55° 24' S 5"	3	9° 18' S 54"
	6	9	32° 18' 40" 14'	4	15° 10'	10	44° 23'	9	34° 20" 7'
	11	10	6° 18' 31" 14'	48	15° 14'	14	34° 23'	15	19° 21" 5'
	16	10	41° 18' 21" 15'	29	15° 25"	18	25° 23'	6	21° 26" 21° 49"
	21	11	17° 18' 12" 16'	6	15° 36"	22	17° 22'	33	27° 33" 22" 16'
	26	11	52° 18' 3" 16'	40	15° 45"	26	10° 21'	53	3° Vp 41° 22" 32"

M	Sun's Place.	Sun's Declin.	Observations.
1	11 V 23	23 S 0	Saturn sets at 19 min. after 6 at night.
B	12 24	22 54	Sirius South 38 min. past 11 at night.
3	13 26	22 48	
4	14 27	22 42	♦ in Apog. greatest Distance from the Earth
5	15 28	22 35	Pole Star South 35 min. after 5 at night.
6	16 29	22 28	Capella South 45 min. past 9 at night.
7	17 3	22 20	Saturn sets 56 min. past 5 at night.
8	18 31	22 12	Day 7 hours 52 min. long, increased 18.
B	19 33	22 3	
10	20 34	21 54	Rigel South 32 min. after 9 at night
11	21 35	21 45	Regulus South 23 min. past 2 in the morn.
12	22 36	21 35	Sirius South 54 min. after 10 at night.
13	23 37	21 25	Cambridge Term begins.
14	24 38	21 14	
15	25 39	21 3	
B	26 40	20 52	Sirius sets 19 min. past 3 in the morning.
17	27 41	20 40	Day 8 hours 12 m. long, increased 38 m.
18	28 43	20 27	
19	29 44	20 15	☽ in Perig. nearest Distance to the Earth.
20	29 45	20 2	Sun enters ♎ 19th day 16 m. past 6 at night
21	1 46	19 48	Apparent Time.
22	2 47	19 34	Mercury sets 13 min. past 5 at night.
B	3 48	19 20	Capella South 32 min. after 8 at night.
24	4 49	19 6	
25	5 50	18 51	
26	6 51	18 36	Mercury sets 38 min past 5 at night.
27	7 51	18 20	Day 8 h. 42 min. long, increased 1 h 8 m.
28	8 52	18 4	Regulus South 11 min. past 1 in the morn.
29	9 53	17 48	Sirius South 43 min. after 9 at night.
B	10 54	17 32	
3	11 55	17 15	

# February 1757.

Full Moon the 4th day, at 7 in the morn.  
 Last Quarter the 11th day, at 10 at night.  
 New Moon the 18th day, at 1 in the after.  
 First Quarter the 25th day, at 9 at night.

	S	U	Jupiter rises.	Venus tides.
1	1	IM 20	SM 46	
6	6	I 2	5 49	
11	11	○ 44	5 53	
16	16	○ 27	5 54	
21	21	○ 9	5 52	
26	26	II A 46	5 50	

M D	W L	Holy Days, rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather,
1	I	Cl. fast 14. 11.	5 M 21	12 <del>S</del> 22	19 N 30	♂ ○ h
2	W	Purif. V. M.	6 6	24 12 18	5 1	Mild, the Season
3	T	Blasie	6 45	6 Ω 8	17 19	considered.
4	F		☽ rises.	18 10 15	2	Eclip. part VII.
5	S	Agatha	6 A 9	0 ♀ 20	12 2	
6	B	Septuagesim.	7 18	12 41	8 31	* ♀ ♀ □ ○ ♀
7	M	Sun rise 7. 20.	8 24	25 13	4 32	
8	T	Sun set 4. 42.	9 32	7 ☽ 59	0 17	
9	W	Day br. 5. 17.	10 44	20 59	4 S 1	
10	T	Twi. I. 58.	11 57	4 ♂ 15	8 15	
11	F		Morn.	17 48	12 8	Cold Rain or
12	S	Term ends	1 11	1 ♀ 40	15 25	Sleet about this
13	B	Sexagesima	2 24	15 49	17 54	Old Candlem. day
14	M	Valentine	3 33	0 ♀ 16	19 18	Time.
15	T	Sun rise 7. 5.	4 37	14 56	19 26	
16	W	Sun set 4. 57	5 33	29 44	18 15	
17	T	Cl. fast 14. 31	6 20	14 ☽ 34	15 48	
18	F	Day br. 5. 2.	Diets.	29 18	12 19	Eclipsed Invit.
19	S		6 A 26	13 ♀ 48	8 9	♂ h ♂
20	B	Shrove Sund.	7 43	27 59	3 37	
21	M	Twi. I. 56.	8 57	1 ♀ 46	0 N 59	♂ ○ ♀
22	T	Shrove Tues.	10 8	25 9	5 24	Windy and Wet.
23	W	Ash-Wednes.	11 17	8 Ω 7	9 23	
24	T	St. Matthias	Morn.	20 43	12 55	□ ♀ ♂
25	F	Sunrise 6. 46.	0 23	3 II 1	15 43	
26	S	Sun set 5. 16.	1 26	15 5	17 49	Fair and Pleasant
27	B	I S. in Lent	2 25	27 0	19 7	
28	M		3 18	8 <del>S</del> 50	19 33	

Wing.	Days	Saturn.			Jupiter.			Mars.			Venus.		
		III	Declin.	M	Declin.	III	Declin.	M	Declin.	VII	Declin.		
Feb.	1	12	35	19 S 51	17	16	15 S 54	0	50	20 S 59	11	4	22 S 26
	6	13	10	17 41	17	41	16 0	4	44	20 7	17	13	22 0
	11	13	46	17 30	18	216	6 8	39	19	8 23	23	21	20
	16	14	22	17 21	18	19 16	10 12	33	18	5 29	33	20	25
	21	14	57	17 11	18	32 16	12 16	28	16	58	5 29	43	19 13
	26	15	3	17 2	18	40 16	15 22	24	15	46 11	53	17	47

M	Place.	Sun's	Observations.		
D	Sun's	Declin.			
1	12	56	16 S 58	Mercury sets 12 m. after 6 at night.	
2	13	57	16 40	Mars rises at 7 in the morn. ♀ in Apog.	
3	14	58	16 23	Aldebaran South 11 m. past 7 at night.	
4	15	58	16 5	♀'s greatest Vespertine Elongation from	
5	16	59	15 46	the Sun 18° 8', sets 1 h. 45 m. aft. him.	
B	18	00	15 28		
7	19	1	15 9	Capella South 31 m. past 7 at night.	
8	20	1	14 50	Day increased 1 hour 50 minutes.	
9	21	2	14 31		
10	22	2	14 11	Mercury sets half an hour past 6 at night	
11	23	3	13 52	Saturn rises 55 m. after 6 in the morn.	
12	24	4	13 32	Day 9 hours 38 m. long.	
B	25	4	13 11	Middle * in Orion's Girdle South 34 m.	
14	26	5	12 51	past 7 at night.	
15	27	5	12 30		
16	28	6	12 9	♂ in Perig. nearest to the earth.	
17	29	6	11 48	The lesser Dog * South 19 m. aft. 9 at n.	
18	X	7	11 27	Sun enters X 7 min. past 9 in the morn.	
19	1	7	11 6	Sirius sets at 1 in the morning.	
B	2	7	10 44		
21	3	8	10 23	Mars rises 23 min. after 6 in the morn.	
22	4	8	10 1	Day increased 2 hours 42 minutes.	
23	5	8	9 39	Sirius South 5 min. past 8 at night.	
24	6	9	9 16	Regulus South 22 min. after 11 at night.	
25	7	9	8 54		
26	8	9	8 32	Saturn rises at 6 o'clock in the morning.	
B	9	9	8 9	Day 10 hours 36 minutes long.	
28	10	9	7 46	Hydra's Heart South 27 m. past 10 at n.	

# March 1757.

Full Moon the 5th day, at midnight.

Last Quarter the 13th day, at 6 in the morn.

New Moon the 20th day, at 1 in the morn.

First Quarter the 27th day, at 5 in the after.

		Jupiter rises.	Venus rises.
		11 A 35	5 M 47
		6 11 17	5 44
		11 10 58	5 38
		16 10 38	5 33
		21 10 19	5 27
		26 10 0	5 19

M D	W D	Holy Days. Cristies & &c.	Moon sets. Place.	Moon's Declin. Place.	Aspects and Weather.
1 T	David	4 M 5	20 ♈ 39	19 N 10	♂ ♀ ♀
2 W	Ember Week	4 46	2 ♐ 33	17 55	Chad
3 T	Day br. 4 39	5 21	14 33	15 49	Windy with fre-
4 F	Cl. fast 12 6	5 52	26 45	12 59	□ ♀ ♀
5 S	Pis Hesse bo.	6 19	9 ♉ 8	9 34	quent Showers.
6 B	2 S. in Lent	D rises.	21 47	5 38	
7 M	Perpetua	7 A 28	4 ♎ 40	1 23	
8 T		8 39	17 48	3 S 0	♂ ♀ ♀
9 W	Sun rise 6 22	9 52	1 ♊ 9	7 21	△ ⊖ ♀
10 T	Sun set 5 40	11 6	14 43	11 21	
11 F	Twilig. 1 57	Morn. 28	28	14 48	
12 S	Gregory	0 18	12 ♋ 23	17 28	Sharp Air incli-
13 B	3 S. in Lent	1 29	26 26	19 8	nable to frost.
14 M		2 35	10 ♉ 37	19 36	
15 T	Sun rise 6 10	3 32	24 55	18 50	
16 W	Sun set 5 52	4 19	9 ♌ 16	16 52	
17 T	St. Patrick	5 0	23 37	13 49	♂ ♀ ♂
18 F	Ed. K.W.S.	5 34	7 ♈ 55	9 56	
19 S	Pis Louisa b.	6 3	22 4	5 32	Changeable Wea-
20 B	Mid Lent Sun.	7 sets.	6 ♍ 1	0 54	Equal day and n-
21 M	Benedict	7 A 53	19 40	3 N 39	ther for some days
22 T		9 5	2 ♈ 59	7 57	□ ♀ ♀
23 W	Cl. fast 6 46	10 13	15 57	11 45	
24 T	Day br. 3 53	11 20	28 35	14 54	
25 F	Lady-day	Morn. 10 II	55 17	19	Pr. Edward b.
26 S	Twilig. 2 0	0 22	23	0 18	55
27 B	Passion Sun.	1 17	4 ♈ 55	19 39	△ ♀ ♀
28 M		2 7	16 46	19 32	Fair and pleasa-
29 T	Sunrise 5 42	2 53	28 36	18 32	
30 W	Sunset 6 20	3 29	10 ♐ 31	16 43	
31 T	Cl. fast 4 17	4 122	36 14	7	

Wing.	Days	Saturn.		Jupiter.		Mars.		Venus.	
		III	Declin.	M	Declin.	III	Declin.	III	Declin.
Mar. 1757	15	52	16 S 56	18	42	16 S 13	22	45	14 S 59
	16	25	16	46	18 R 42	16	13	26	13 42
	16	57	16	37	18	37	16	11	21 46
	17	28	16	28	18	29	16	8	15 15
	17	59	16	19	18	14	16	3	13 12
	18	27	16	11	17	56	15	57	16 S 52

M D	Sun's Place,	Sun's Declin.	Observations.
1 11	X 9	7 S 24	D in Apog. and farthest from the Earth.
2 12	10	7 1	Regulus South at 11 at night.
3 13	10	6 38	Saturn rises 43 min. past 5 in the morn.
4 14	10	6 15	Mars rises at 6 o'Clock in the morning.
5 15	10	5 51	
B 16	10	5 28	<i>The passing Years, how fast they fly!</i> <i>Nor can the strictest Piety</i>
7 17	9	5 5	<i>Defer incroaching Age,</i> <i>Or Death's resistless Rage;</i>
8 18	9	4 41	<i>If you each Day</i>
9 19	9	4 18	<i>An Hecatomb of Bulls should slay,</i>
10 20	9	3 55	<i>The smoaking Host could not subdue</i>
11 21	9	3 31	<i>That Tyrant to be kind to you.</i>
12 22	9	3 7	
B 23	8	2 44	
14 24	8	2 20	
15 25	8	1 56	D in Perig. and nearest to the Earth.
16 26	7	1 33	Saturn rises at 5 in the morning.
17 27	7	1 9	Mercury rises 18 min. past 5 in the morn.
18 28	6	0 45	Mars rises half an hour after 5 in the morn.
19 29	6	0 22	
B V	5	0 N 2	Sun enters ♫ 44 min. past 9 in the morn.
21 1	5	0 26	Mercury's greatest Matutine Elongation
22 2	4	0 49	from the ☽ 27° 45', ri. 40 m. before him.
23 3	4	1 13	Day 12 hours 12 minutes long.
24 4	3	1 37	Virgin's Spike South at 1 in the morn.
25 5	2	2 0	
26 6	1	2 24	Mercury rises 10 min. past 5 in the morn.
B 7	1	2 47	Day increased 4 hours 54 minutes.
28 8	0	3 11	D in Apog. and farthest from the Earth.
29 9	59	3 34	Deneb South 2 min. after 11 at night.
30 10	58	3 57	Regulus South 17 min. past 9 at night.
31 10	57	4 21	

# April 1757.

Sys.	Jupiter rises.	Venus sets.
1	9 A 36	5 M 11
6	9 16	5 3
11	8 54	4 55
16	8 32	4 47
21	8 11	4 39
26	7 48	4 30

Full Moon the 4th day, at 2 in the aftern.

Last Quarter the 11th day, at noon.

New Moon the 18th day, at 1 in the aftern.

First Quarter the 26th day, at noon.

M	W	Holy Days.	Moon's sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
D	D	Orises & sets.				
1	F	Day br. 3 33	4 M 29	4 <del>II</del> 54	10 N 51	△ 4 ♀ 6 ♂ ♀
2	S	Cl. fast 3 41	4 56	17 30	7 2	△ 4 ♂
3	B	Palm Sunday	5 20	0 <del>II</del> 25	2 47	At the Beginning
4	M	Ambrose	D rises.	13 39	1 S 40	expect Wind and
5	T	Old Lady-d.	7 A 46	27 11	6 9	some Showers.
6	W		9	10 M 59	10 24	
7	T	Maund. Th.	10 18	24 59	14 9	
8	F	Good Friday	11 31	9 ♀	7 17	
9	S	Twilig. 2 10	Morn.	23 16	19 3	* ♂ ♀
10	B	Easter Day	0 38	7 <del>II</del> 28	19 48	
11	M	Monday	1 37	21 36	19 20	
12	T	Tuesday	2 27	5 <del>II</del> 42	17 38	Fair and pleasant
13	W		3 8	9 43	14 52	but somewhat
14	T	Sun rise 5 11	3 43	3 <del>II</del> 40	11 16	windy.
15	F	Sun set 6 51	4 13	17 31	7 4	
16	S	Day br. 2 54	4 40	1 <del>II</del> 15	2 33	
17	B	Low Sunday	5 4	14 47	2 N 3	
18	M	Cl. flow 0 43	D sets.	28	7 6	♂ ♀ ♀
19	T	Alphege	8 A 4	11 ♀ 11	10 30	Now some fruitful
20	W		9 12	24 0	13 57	Showers with
21	T	Sunrise 4 58	10 16	6 II 32	16 43	* ♂ ♀
22	F	Sunset 7 4	11 15	18 48	18 39	warm Gleams.
23	S	St. George	Morn.	0 <del>II</del> 52	19 43	
24	B	2d aft. Easter	0 9	12 47	19 54	
25	M	St. Mark	0 55	24 36	19 11	The Weather
26	T	D. Cum. bor.	1 34	6 <del>II</del> 26	17 40	changeable for
27	W	Term begins	2 8	18 21	15 17	some Days.
28	T		2 37	0 <del>II</del> 27	12 16	
29	F	Sunrise 4 44	3 4	12 48	8 39	
30	S	Sunset 7 18	3 29	25 30	4 32	

Wing.	J	Saturn.		Jupiter.		Mars.		Venus.	
		III	Declin.	M	R	Declin.	X	Declin.	X
April	1	18	59	16 S	2	17	30	15 S	50
1757.	6	19	25	15	54	17	5	15	43 20
	11	19	49	15	48	16	35	15	34 24
	16	20	10	15	42	16	1 15	23 28	44
	21	20	30	15	36	15	25	12	2 Y 36
	26	20	48	15	31	14	48	15	2 6
								27	1
									35 24
									40 8
									19

M	Sun's Place.	Sun's Declin.	Observations.
1	11 19 56	4 N 44	Cambridge Term ends.
2	12 55	5 7	
B	13 54	5 30	Winter's dissolv'd, behold a world's new face,
4	14 53	5 53	How grafts the ground, how leaves the branches grace.
5	15 52	6 15	The earth that to the plow-share would not yield,
6	16 51	6 38	Is softer now, and easy to be till'd;
7	17 50	7 1	And frozen streams thaw'd by th' approaching sun,
8	18 49	7 23	With whispering murmurs in their channels run.
9	19 48	7 45	
B	20 46	8 7	Day 13 hours 22 minutes long.
11	21 45	8 30	► in Perig. and nearest to the earth.
12	22 44	8 51	Saturn rises 26 min. past 3 in the morn.
3	23 43	9 13	Mars rises 40 m. after 4 in the morn.
4	24 41	9 35	Day increased 6 hours 4 minutes.
5	25 40	9 56	
6	26 38	10 18	Arcturus South 25 min. past midnight.
B	27 37	10 39	Virgin's Spike South 28 m. after 11 at night
8	28 35	11 0	Day 13 hours 54 minutes long.
9	29 34	11 20	Sun enters ♈ 48 m. past 10 at night.
10	30 32	11 41	Cambridge Term begins.
11	1 31	12 1	Saturn rises 55 min. after 2 in the morn.
12	2 29	12 21	Mars rises 26 min. past 4 in the morn.
3	3 27	12 41	Vindemiatrix South 43 m. past 10 at night
4	4 26	13 1	► in Apog. and farthest from the earth.
5	5 24	13 21	
6	6 22	13 40	Day increased 6 hours 48 min.
7	7 20	13 59	Arcturus South 43 m. after 11 at night.
8	8 19	14 18	Virgin's Spike South 47 m. after 10 at n.
9	9 17	14 37	Day 14 hours 32 minutes long.
10	10 15	14 55	

May 1757.

Full Moon the 4th day, at 1 in the morn.

Last Quarter the 10th day, at 6 in the after.

New Moon the 18th day, at 2 in the morn.

First Quarter the 26th day, at 5 in the morn.

	Jupiter	Venus
	rises.	rises.
1	7 A 26	4 M 22
6	sets	4 14
11	4 M 20	4 7
16	4 0	4 3
21	3 38	3 55
26	3 16	3 50

M	W	Holy Days.	Moon rises & sets.	Moon's sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
D	D						
1	B	3 S. aft. Easter	3 M 51	8 <del>25</del> 35	0 N 6	Sc Ph. & J 26 0 0	
2	M		4 16	22	4 7 S 29	8 4 0	
3	T	Invent. Cross	4 42	5 M 57	8 56	Windy but not	
4	W	Twilig. 2 42	2 42	sets.	20 10 13 1	8 0 4	
5	T	Cl. flow 3 35	9 A 23	4 <del>1</del> 37	16 23	much Wet.	
6	F	St. Jn. A.P.L.	10 33	19 11 18	47		
7	S	Day br. 1 44	11 38	3 W 45	19 57		
8	B	4 S. aft. Easter	Morn.	18 13 19	47		
9	M		0 33	2 <del>25</del> 32	18 22	Fair and pleasant	
10	T	Sun rise 4 24	1 17	16 38	15 47		
11	W	Sun set 7 37	1 52	0 <del>25</del> 33	12 21	8 4 0	
12	T	Old May-da.	2 22	14 16	8 17	□ ○ h	
13	F	Cl. flow 4 1	2 49	17 47	3 52		
14	S	Twilig. 3 10	3 13	11 W 8	0 N 42		
15	B	Rogat. Sund.	3 37	24 18	5 9	Wind and Rain	
16	M		4 0	7 8 15	9 18	now about.	
17	T	Sunrise 4 15	4 26	20 1	12 59		
18	W	Sunset 7 47	0 sets.	2 II 33	16 0		
19	T	Holy Th.	9 A 8	14 53	18 13	Dunstan.	
20	F	Cl. flow 3 55	10 3	27 2	19 38		
21	S	All Twilight	10 53	9 <del>25</del> 0	20 7		
22	B	6 S. aft. Easter	11 36	20 5	19 44	□ h 0	
23	M	Term ends	Morn.	2 <del>25</del> 40	18 26		
24	T	Pr. Fr. W. b.	0 11	14 28	16 21	Fair and Hot and	
25	W	Sunrise 4 4	0 42	26 23	13 34	very pleasant	
26	T	St. Au. i ABC	1 9	8 <del>25</del> 27	10 11	Weather.	
27	F	Ven. Bede.	1 33	20 48	6 17		
28	S	Sunset 7 59	1 55	3 <del>25</del> 30	2 0		
29	B	Whit Sunday	2 18	16 37	2 S 29	K. Charles II Re.	
30	M	Monday	2 41	0 M 12	7 2		
31	T	Tuesday	3	8 14	14 20		

Wing.	Saturn		Jupiter		Mars		Venus	
	W	Decl.	m	R Dec.	m	Decl.	W	Decl.
May	11.21	4° 15'	S 27°	14 11	14 52'	10 17	3 N. 8°	0 49'
	6.21	18° 15'	24 T3	33 14	41 14	6 4	43° 6'	58° 12'
	11.21	29° 15'	21 T2	55 14	31 17	54° 6'	9° 13'	7° 14'
	16.21	37° 15'	20 T2	18 14	20 21	41° 7'	36° 19'	25° 16'
757.	21.21	44° 15'	18 T1	43 14	10 25	27° 9'	225° 24'	18° 32'
	26.21	47° 15'	18 T1	10 14	0 29	12 10	24° II 33'	20° 6'

	Sun's Place,	Sun's Declin.	Observations.					
11.0	12	15 N 13°						
12	1	15	34	Saturn rises 19 m. past 2 in the morning.				
13	9	15	49	Mars rises 25 m. after 3 in the morning.				
14	7	16	6	Arcturus south 17 m. past 1 at night.				
15	5	16	23	Day 14 hours 52 minutes long.				
16	3	16	40					
17	1	6	57	D in Perig. and nearest to the Earth.				
18	59	17	12	Scorpion's Heart south 14 m. past 1 in the				
19	5	17	29	morn.				
20	53	18	45	Saturn rises 46 m. after 1 in the morning.				
21	50	18	0	Mars rises 19 m. past 3 in the morning.				
22	48	18	16	Day increased 7 h. 44 m.				
23	46	18	30	Lyra south 9 m. after 3 in the morning.				
24	44	18	45					
25	41	19	59	Arcturus south 34 m. past 10 at night.				
26	39	19	13	Day 15 h. 28 m. long.				
27	37	19	27	Saturn rises 19 m. past 1 in the morning.				
28	34	19	40	Mars rises at 3 in the morning.				
29	32	20	53					
30	30	20	c	The Sun enters II 44 m. after 11 at night.				
1	27	20	18	D in Apog. and farthest from the Earth.				
2	25	20	29	Day increased 8 h. 10 m.				
3	22	20	41					
4	20	21	52	Arcturus south 58 m. past 9 at night.				
5	17	21	13	Scorpion's Heart south 53 m before 1 in the				
6	15	21	23	morning. Cambridge Term ends.				
7	12	21	33	Saturn rises 25 m. before 1 in the morning				
8	10	21	43	Mars rises half an hour past 2 in the morn				
9	7	21	52	Lyra south at 2 in the morning.				
10	5	22	c					

June 1757.

Full Moon the 2d day, at 10 in the morn.  
Last Quarter the 9th day, at 1 in the morn.  
New Moon the 16th day, at 4 in the a ftern.  
First Quarter the 24th day, at 8 in the even.

Dec.	Jupiter sets	Venus rises
1	2 M 51	3 M
6	2 29	3 4
11	2 8	3 1
16	1 45	8 A
21	1 24	8
26	1 4 8	1 7

M	S	Holy-Days, rites & sets	Moon rises	Moon sets	Moon's Place	Moon's Declin.	Aspects and Weather	W.
1	W	Ember Week	3 M 38	28 m 41	15 S	7	Pitomede.	1
2	II	Cl. flow 2 h.	D rises	13 ♈ 27	13	1		2
3	F	3 4 m.	9 A 24	28 24	19	46	Frequent shower	3
4	S	Pr. Wales bds	10 24	13 ♈ 21	20	9	at the beginning	4
5	B	Trinity Sund	11 14	28 12	19	7	Boniface.	5
6	M		11 54	27 48	16	49		6
7	T	Sun rise 3 53	Morn.	27	7 13	30		7
8	W	Sun set 8 8	○ 26	11 ♈ 6	9	29	△ 4 ♀	8
9	E	Corp. Christi.	○ 53	24 47	5	5	6 ○ ♀ . 8 ♀ 4	9
10	F	Term begins	1 16	8 ♈ 10	○	30	* δ ♀ P.A.	10
11	S	St. Barnabas	1 40	21 17	4 N	0		11
12	B	Pr. S. aft. Trin	2 3	4 8 10	8	14	△ O h	12
13	M		2 27	16 49	12	1		13
14	T	Sun rise 3 49	2 54	29 17	15	13	Rain and wind	14
15	W	Sun set 8 11	3 23	17 II 34	17	43	for several days	15
16	II		D sets	23 41	19	22		16
17	F	St. Alban.	8 A 45	5 25 40	20	9		17
18	S	Cl. fast 29 m.	9 30	17 32	20	2		18
19	B	2 S. aft. Trin	10	8 29	20 19	2		19
20	M	Edward.	10 40	11 ♈ 7	17	12		20
21	T	longest-Day.	11	8 22	55 14	38	Hot and sultry,	21
22	W	K. Geo. II. In.	11	32 4 25	50 11	27	△ 4 ♀	22
23	E	Cl. fast 1 h 33	11 54	16 55	7	4:	with frequent	23
24	F	St. John Bapt	Morn.	29	14 3	40	6 ♀ ♀	24
25	S		○ 16	11 25 4	○ 8 42	□ h δ . △ 4 ♀		25
26	B	2 S. aft. Trin	○ 40	24 58	5	9	K. Geo. II. Pro	26
27	M	Sunrise 3 48	1	2 8 m 29	9	29	6 ○ ♀ shower	27
28	T	Sunset 8 11	1	30 22	29 13	31		28
29	W	Term ends	2	2 6 1 57	16	50	St. Peter and Ph	29
30	II		2 43	21 48	19	9	△ O ♀	30

Wing.	Saturn	Jupiter	Mars	Venus
	R. Decl.	m R. Decl.	s Decl.	II Decl.
1	21 49 15	S 10 10 33	S 50 3 19 11 N 59 8	55 21 N 37
2	21 47 15	20 10 6	13 43 7 20 13 16 15	422 38
3	21 45 15	22 9 43 13 36 11	14 28 23 12 23	22
4	21 45 15	25 9 23 13 31 14	39 15 38 27 20 23	50
5	21 45 15	27 9 8 13 27 18	16 16 43 32 29 24	0
6	21 45 15	28 8 57 13 24 21	51 17 44 9 37 23	53

Sun's Place.	Sun's Declin.	Observations.
1 11 22	22 N	Mercury's greatest Vespertine Elongation

2 11 59	22 16	from the Sun $23^{\circ} 36'$ , sets 2 h. 4 m. after him.
3 12 57	22 24	
4 13 54	22 31	D in Perig. and nearest to the Earth.
B 14 52	22 37	Day 16 hours 12 minutes long.
6 15 49	22 44	
7 16 46	22 49	Mercury sets 56 m. after 9 at night.
8 17 44	22 55	Cambridge-Term begins.
9 18 41	23 0	
10 19 38	23 5	Our Passions gone, and Reason on her Throne,
11 20 35	23 9	Amaz'd we see the Mischiefs we have done:
B 21 33	23 13	After a Tempest, when the Winds are laid,
13 22 30	23 16	The-calm Sea wonders at the Weeks it makes.
14 23 27	23 19	
15 24 24	23 22	Saturn rises 16 m. after 11 at night.
16 25 22	23 24	Mars rises 43 m. after 1 in the morning.
17 26 19	23 26	Scorpion's Heart sou. 28 m. past 10 at night.
18 27 16	23 27	D in Apog. farthest from the Earth.
B 28 13	23 28	
20 29 11	23 29	Day increased 8 h. 52 m.
21 26 8	23 29	Sun enters $\varpi$ 44 m. past 8 in the morning.
22 1 5	23 29	Atair south 36 m. past 1 in the morning.
23 2 2	23 28	Lyra south 38 m. before 1 in the morning.
24 2 59	23 27	
25 3 57	23 25	Saturn rises 35 m. after 10 at night.
26 4 54	23 24	Mars rises 18 m. after 1 in the morning.
27 5 51	23 21	Day decreased 2 minutes.
28 6 48	23 18	Scorpion's Heart sou. 42 m. past 9 at night.
29 7 45	23 15	Lyra south 53 m. after 11 at night.
30 8 42	23 12	

euro V

July 1757.

Jupiter Venus  
sets. sets.

Full Moon the 1st day, at 5 in the aftern.

M 43 8 A 44

Last Quarter the 8th day, at 9 in the morn.

6 0 23 8 45

New Moon the 15th day, at 7 in the morn.

1 0 2 8 44

First Quarter the 24th day, at 7 in the morn.

16 TIA 37 8 41

Full Moon the 30th day, at midnight.

2 11 17 8 38

26 10 58 8 33

	Holy-Days, or rises & sets.	Moon's rises	Moon's sets	Moon's Place.	Aspects and Weather.
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1 F		3 M 34	6 15 54	20 S 11	
2 S	Visit. V. M.	D rises	22 16 19	47	
3 B	S. aft. Trin.	9 A 44	7 11 17	56	Hot sultry wea-
4 M	Tr. S. Martin.	10 20	22 16 14	53	ther and perhaps
5 T	Dies Comit.	10 50	6 X 4	10 58	Old Midsum. day
6 W		11 16	20 56	6	some thunder
7 S	Tho. à Becket.	11 41	4 V 43	51	showers.
8 F	Cl. fast 4 26	Morn.	18 12	2 N 46	
9 S		○ 4	18 10	7 8	
10 B	S. aft. Trin.	○ 27	13 5 11	4	Fair and hot,
11 M		○ 53	26 24 14	26	but somewhat
12 T	Sun rise 3 58	1 21	8 II 40	17	windy.
13 W	Sun set 8 1.	1 55	20 45 18	59	
14 E	Cl. fast 5 16	2 33	29 42 20	1	
15 F	Wwithin.	3 21	14 34 20	8	Frequent
16 S		D sets	26 2 19	24	showers about
17 B	S. aft. Trin.	8 A 39	8 Q 8 17	48	this time.
18 M	Sun rise 4 4.	9 7 19	55 15	26	
19 T	Sun set 7 55.	9 33	12 24 7	12	
20 W	Bargares.	9 57	13 47 18	51	
21 E		10 19 25	55 40	51 Δ 48	
22 F	Pur. C. Mat. b.	10 41	8 18	0 40	St. Mary Day
23 S	Twilight 3 32.	11 2 20	58 3 S 41		
24 B	S. aft. Trin.	11 27	3 m 59	7 59	Dry and windy
25 M	St. James.	11 56	17 21 28	21 28	towards the end
26 T	St. Anne.	Morn.	1 29	5 13 21	
27 W	Sun rise 4 16.	0 31	5 32 18	0 14	
28 E	Sun set 7 42.	1 16	0 19 13 19	5 28	B ♀
29 F		2 11 15	11 13 40	9 18	
30 S	Dog-days be.	D rises	2 27 24	18 45 0	Eclipsed visib.
31 B	S. aft. Trin.	8 A 13 15	3 5 16	22 8 31	8

Wing		Saturn	Jupiter	Mars	Venus
		R Decl.	m R Decl.	8 Dec.	Dec.
44		1 21	E 158 35	8 51 158 23 25	24 18N 39 15
45		6 10	52 15 41 8	50 13 24 28	55 19 31 21
44	July	11 20	35 15 47 8D	53 13 27 2	18 28 42 45
41		16 20	6 15 54 9	13 19 5 54 21	48 13 20 26
38	1757	21 19	58 16 1 9	11 13 35 9	27 21 58 10 22 18 9
33		26 19	37 16 9 9	27 13 41 22	46 22 10 16 31 12 27

Z	Jun's Place.	Sun's Declin.	Observations.
1	9 50 40	23 N 8 10 05	
2	10 3 23	4 D in Perig. nearest to the Earth.	
B	11 34 22	59 Day 16 hours 18 minutes long.	
12	31 22	54 Altair south 13 m. before 1 in the morning.	
13	28 22	48	
14	2 22	42 Saturn rises 49 m. after 9 at night.	
7	15 23 22	30 Mars rises 7 m. before 1 in the morning.	
8	16 20 22	29 Cambridge-Term ends.	
9	17 22	22 Day decreased 15 m.	
B	18 14 22	14	
11	19 12 22	6 Mercury rises 57 m. past 2 in the morning.	
12	20 9 21	5° Lyra south at 11 at night.	
13	21 6 21	49 Saturn rises 19 m. past 9 at night.	
14	22 3 21	40 Mars rises 23 m. before 1 in the morning.	
15	23 10 21	31	
16	23 58 21	21 D in Apog. farthest from the Earth.	
B	24 5 21	11 Altair south 49 m. after 11 at night.	
8	25 52 21	1	
19	26 49 20	50 Mercury's greatest Matutine Elongation	
20	27 47 20	39 from the sun, 19° 58', rises 1 h 26 m.	
21	28 44 20	27 before him.	
22	29 41 20	15 Sun enters A 43 m. past 7 in the evening.	
23	Ω 39 20	3	
B	1 36 19	50	(noon)
25	2 33 19	38 Saturn rises half an hour past 8 in the after-	
26	3 31 19	24 Mars rises 46 m. before 1 in the morning.	
27	4 28 19	11 Day decreased 58 min.	
28	5 25 18	57 Lyra south 56 m. past 9 at night.	
9	6 23 18	4 Fomalhaut south 10 m. after 2 in the morn.	
10	7 26 18	28 D in Perig. nearest to the Earth.	
B	8 18 8	15	

August 1757.

Last Quarter the 6th day, at 7 in the aften.  
New Moon the 14th day, at 10 at night.

First Quarter the 22d day, at 4 in the aften.  
Full Moon the 29th day, at 7 in the morn.

	Jupiter	Venus	W.M.
	Sec.	Sec.	Sec.
1	10 A 35	8 A 25	
6	10 17	8 16	
11	10 0	8 8	
16	9 42	8 0	
21	9 24	7 53	
26	9 71	7 4	

S.	E.	Holy-Days, Sundays & fests.	Moon's rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1 M	Lammas-day.	8 A 4	0 26 41	12 S 44		
2 T		9 16	15 28	8 26	□ ○ 4	
3 W	Sun rise 4 27	9 4	29 52	3 34		Hot weather and
4 F	Sun set 7 32	10 1	13 50	1 N 14	△ h 8	
5 F	Day br. 1 40	10 30	27 21	5 48		some showers.
6 S	Transfig.	10 5	10 8 27	9 50		
7 B	S. aft. Trin	11 22	23 11	13 3		
8 M	Cl. fast 5' 9	11 56	5 II 36	16 28	□ 4 ♀	
9 T		Morn.	17 46	18 34		
10 W	Laurence.	0 31	29 45	19 50		Cooling breezes
11 R	Prs. Augusta b.	1 15	11 26	37 20	1 8 ○ h	and not
12 F	O Lammas-d.	2 1	23 24	19 40	8 h ♀	much
13 S	Twilight 2 34.	3 18	5 Q 11	18 17	6 ○ ♀	wet.
14 R	10 S. aft. Trin	D sets	17 0 16	15	○ Eclipsed unv.	
15 M	Affump. B.V.M.	7 A 40	28 53	13 12	* 24 ♀	
16 T		8 4	10 m 53	9 45		
17 W	Sun rise 4 50.	8 26	23 2	5 51		Tolerable good
18 R	Sun set 7 8.	8 48	5 21	1 40		harvest weather
19 F	Cl. fast 3' 12	9 10	17 53	2 S 38		for several days.
20 S		9 33	0 m 14	6 55		
21 B	11 S. aft. Trin	10 1	13 45	10 59		
22 M	Day br. 2 38.	10 33	27 8	14 35		
23 T	Twilight 2 20.	11 12	10 150	17 30		
24 W	S. Bartholom.	Morn.	24 53	19 27	* ○ δ. * 4 ♀	
25 R		0 1	9 17	20 12		
26 F	Sun rise 5 7.	1 22	23 59	19 38		
27 S	Sun set 6 51.	2 18	8 m 54	17 4		
28 B	12 S. aft. Trin.	3 28	23 5	14 29		Rain and wind.
29 M	Decol. J. B.	D rises	8 25	10 21		St. August. B.H.
30 T	Clocksgowith	7 A 47	23 4	5 38		at the end.
31 W	the Sun.	8 13	8 m 4	0 S 42		

Wing.	Saturn	Jupiter	Mars	Venus
	Dec.	Dec.	Dec.	Dec.
1	19 16 S 18	9 52 13 S 51	16 47 22 N 43	23 54 14 N 59
6	18 47 16 25	10 18 14 0 20	6 23 - 4	6 17 3 12 57
11	18 25 16 32	10 46 14 22 23	24 23 21	6 16 12 10 8 35
16	18 31 16 48	11 18 24 22 26	49 23 32	12 21 8 12
21	17 40 16 47	11 54 14 34 29	53 23 40	18 50 6 44
26	17 19 16 53	12 33 14 47 3 20	3 23 42	24 38 3 13

Sun's Place.	Sun's Declin.	Observations.
1 9 0 15	17 N 56	
2 10 13 17	43	Siturn rises at 8 at night.
3 11 10 17	27	Mars rises at midnight.
4 12 8 17	11	
5 13 5 6	53	
6 14 3 6	39	Like Leaves on Trees the Race of Man is found,
7 15 1 5	22	Now green in Youth, now withering on the Ground;
8 15 58 6	5	Another Race the following Spring supplies;
9 16 5 15	47	They fall successive, and successive rise:
10 17 53 15	30	So Generations in their Course decay;
11 18 51 15	12	So flourish these, when those are past away. PEREZ.
12 19 48 14	54	Day decreased 1 h. 48 m.
13 20 46 14	36	D in Apog. farthest from the Earth.
14 21 41 14	17	Atair south at 10 at night.
15 22 41 13	59	Fomalhaut south 5 m. past 1 in the morning.
16 23 39 13	40	
17 24 37 13	20	Day 14 hours 20 min. long.
18 25 35 13	1	Mars rises 42 m. after 9 at night.
19 26 33 12	41	Markab south near 1 in the morning.
20 27 30 12	22	Day decreased 2 h. 18 m.
21 28 28 12	2	Atair south 35 m. after 9 at night.
22 29 26 11	41	
23 24 24 11	21	Sun enters eq 2 m. past 2 in the maring.
24 1 22 11	1	Saturn sets 44 m. after 3 in the morning.
25 2 20 10	40	Mars rises 33 m. past 11 at night.
26 3 18 10	19	
27 4 16 9	58	D in Perig. nearest to the Earth.
28 5 14 9	37	Fomalhaut south 42 m. before 1 in the morn.
29 6 12 9	15	Atair south 6 m. past 9 at night.
30 7 10 8	54	Day 13 hours 32 min. long.
31 8 8 8	32	

September 1757.

					Jupiter	Venus
					set.	set.
1					8 4 46	7 A 1
2					8 30	7 21
3					8 13	7 11
4					7 58	7 5
5					7 42	6 5
6					7 35	6 4
7						
W	S	Holy-Days, Orises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
D	D					
1	E	Giles.	8 A 37	22 13	4 N 9	
2	F		9 3	5 8 50	8 36	London b. 1665 0
3	S	Day br. 3 16	9 30	19 11 2	37	Fair and pleasant
4	B	13 S. aft. Trim.	10 12	11 48 15	45	for some days.
5	M	Sun rise 5 26	10 37 14	13 18		
6	T	Sun set 6 32.	11 19 26	22 19	38	* 0 4
7	W	Dog-days end Morn.	8 25	19 20		
8	E	Nat. B. V. M.	9 0	8 20	9 19	50
9	F		1 0	1 2 56	8 4	□ δ ♀
10	S	Cl. flow 3 15	1 50 13	4 45 6	4	
11	B	14 S. aft. Trim.	2 0 25	3 9 14	4	
12	M	Twilight 2. 5.	4 5	7 11 40	10 43	The weather very
13	T		D sets 19	53 6	52	change
14	W	H. Crois-day.	7 A 2	2 17	2 41	□ δ ♀ able
15	E	Sunrise 5 45.	7 24 14	53 18	40	△ δ ♀ about
16	F	Sun set 6 13.	7 47 27	44 6	1 △ 4 8	this
17	S	Lambert.	8 13 10 m	47 10	11	□ δ 4 time.
18	B	15 S. aft. Trim.	8 43 24	3 13	56	
19	M		9 19	7 14 32	17 0	
20	T	Day br. 3 54.	10 3 21	14 19	21	
21	W	Ember-Week	10 58	5 15 9 20	16	St. Matthew.
22	E	Equal D. & N.	Morn. 19	18 20		
23	F	Sunrise 6 1.	0 0 3	3 38 18	38	Rain may be
24	S	Sunset 5 52.	1 17 18	9 15	54	expected about
25	B	16 S. aft. Trim.	2 36	2 46	12 14	the entrance of
26	M	S. Cyprian.	3 57	17 24	7 41	Venus into
27	T	Cl. flow 9 7.	D rises 1 19 56	2 2	48	Scorpio.
28	W		6 A 45	16 15	2 N 11	
29	E	St. Michael.	7 11	0 8 15	6 55	
30	F	St. Jerome.	7 38	13 52	11 11	

Wing.	Saturn	Jupiter	Mars	Venus
	R. Decl.	m. Decl.	s. Decl.	z. Decl.
Sept.	16 55 17 S 13 24 29 S 3 6 49 23 N 39 2 0 28 8			
1757.	6 16 35 17 7 14 19 25 18 19 54 23 34 8 8 28 27			
	11 16 17 17 12 14 58 15 33 32 56 23 22 33 16 15 1			
	16 16 17 17 17 15 49 15 49 15 55 23 9 20 23 7 34			
	21 15 46 17 21 16 42 15 41 18 51 22 51 26 31 10 2			
	26 15 35 17 25 17 37 16 21 21 43 22 32 21 37 12 25			

Sun's Sun's Moon's Observations.  
Place. Declir. aspect.

1	9m 7	8N 1		
2	10 5	7 48	Saturn sets 8 m. after 3 in the morning.	
3	11 7	26	Mars rises 25 m. past 11 at night.	
4	12 5	7	Day decreased 3 h. 14 m.	
5	2 59 6	42	Fomalhaut south 45 m. after 11 at night.	
6	13 58 6	19		
7	14 56 5	57	Markab south 46 m. after 11 at night.	
8	15 55 5	34	Atair south half an hour past 8 at night.	
9	16 53 5	11		
10	17 51 4	49	D in Apog. farthest from the Earth.	
11	18 50 4	26	Day 12 hours 44 min. long.	
12	19 48 4	2	Saturn sets 28 m. after 2 in the morning.	
13	20 47 3	40	Mars rises 17 m. past 11 at night.	
14	21 45 3	17		
15	22 44 2	53	Day decreased 3 h. 56 m.	
16	23 43 2	30	Fomalhaut south 5 m. after 11 at night.	
17	24 41 2	7	Day decreased 4 h. 4 m.	
18	25 40 1	43	Markab south 6 m. past 11 at night.	
19	26 39 1	20		
20	27 38 0	57	Saturn sets 57 m. after 1 in the morning.	
21	28 36 0	33	Mercury sets 37 m. after 6 at night.	
22	29 35 0	10	Sun enters A 15 m. past 10 at night.	
23	30 34 0	S 14		
24	1 33 0	37	D in Perig. nearest to the Earth.	
25	2 32 1	11	Day 11 hours 50 min. long.	
26	3 31 1	24		
27	4 30 1	47	Mercury's greatest Vesp. Elong. from the Sun.	
28	5 29 2	11	25° 40', sets 28 m. after him.	
29	6 28 2	34	Mars rises 8 m. past 11 at night.	
30	7 27 2	58		

October 1757.

			Jupiter	Venus
			sets.	sets.
Last Quarter	the 5th day,	at 3 in the morn.	7 A 9	6 A 4
New Moon	the 13th day,	at 5 in the morn.	6 6 53	6 34
First Quarter	the 20th day,	at 7 in the morn.	11 6 38	6 29
Full Moon	the 27th day,	at 4 in the morn.	16 6 21	6 24
			23 6 5	6 20
			26 5 49	6 17

W	S	Holy Days, orries & sets.	Moon rises	Moon's Place.	Moon's Declin.	Airs & Weather.
1	S	St. Remigius.	8 A 8 27 8 4	14 N 47		
2		17 S. aft. Trin.	8 42 9 11 52 17	3	Fair and pleasant	
3	M		9 22 22 19 19	25	About the	
4	T	Sunrise 6 23.	10 8 4 23 26 20	25	beginning.	
5	W	Sunset 5 35.	10 55 16 25 20	20		
6		St. Faust. V. M.	11 57 28 15 9	26	□ h ♀	
7	F	Day br. 4 31.	Morn. 10 ♀ 2 17	34		
8	S	Cl. slo. 12' 27	0 57 21 53 15	7 △ O h		
9		18 S. aft. Trin.	2 1 3 11 52 11	56	St. Dennis.	
10	M	O. Mich. day.	3 6 16 2 8	11	Brisk winds and	
11	T		4 15 28 27 4	1	6 4 ♀	
12	W	Twilight 1. 57.	5 24 11 4 7	0 S 23	frequent showers	
13		Tr. K. Edw. Conf.	D sets 24	5 4 52		
14	F	Sunrise 6 42.	6 A 24 7 m 18	9 14		
15	S	Sunset 5 16.	6 51 20 44 13	14		
16	B	19 S. aft. Trin.	7 26 4 12 23 16	33		
17	M	Cetheld, Virg.	8 9 13 10 19	c Mid, the season		
18	T	St. Luke.	9 C 2 13 3 20	22 □ 8 ♀ con-		
19	W		10 0 16 1 20	20 sidered.		
20		Day br. 4 57.	11 10 0 27 4 19	19		
21	F	Christmas.	Morn. 14 10 13	58		
22	S	K. Geo. II. cr.	0 26 28 21 23	33		
23	B	20 S. aft. Trin.	1 45 12 25 33 9	22		
24	M	Cl. slo. 15' 43.	3 6 26 44 4	40 △ 8 ♀		
25	T	Crispin.	4 23 10 27 51	0 N 16		
26	W		5 38 24 47 5	71 High winds and		
27		Sunrise 7 8.	D rises 8 8 30 9	38 plenty of down-		
28	F	S. S. m. & Jude.	6 A 10 21 55 13	37 fal.		
29	S	Sunset 4 49.	6 42 4 11 59 16	45		
30	B	13 S. aft. Trin.	7 20 17 44 19	2		
31	M		8 3 C 95 9 20	21 * h ♀		

Ving.	Day	Saturn	Jupiter	Mars	Venus
		R Dec.	m   Decl.	so	Decl.
Oct. 757	11 15	25 17S 28 18	34 16S 38 24	31 22 N 7	8 43 14S 46
	6 15	17 17 30 19	33 16 54 27	15 21	43 14 50 16 47
	11 15	11 17 32 20	34 17 11 29	55 21	17 20 55 18 44
	16 15	9 17 31 21	35 17 29	28 30 20	49 26 59 20 29
	21 15D	8 17 32 22	37 17 45 5	1 20 20	3 22 3 22 0
	26 15	10 17 31 23	41 18 2 7	26 19 52	9 7 23 19

Sun's Place.	Sun's Declin.	Observations.
1 8 26	3 S 21	
9 25	3 44	Mercury sets 9 m. past 6 at night.
10 25	4	Saturn sets 8 m. after 1 in the morning.
11 24	4 31	Day decreased 5 h. 12 m.
12 23	4 54	Markab south 5 m. past 10 at night.
13 22	5 17	Pole Star south 52 m. after 11 at night.
14 22	5 40	
15 21	6 3	D in Apog. farthest from the Earth.
16 21	6 26	Mars rises at 11 at night.
17 20	6 40	Cambridge Term begins.
18 20	7 12	
19 19	7 34	Fomalhaut south 31 m. after 9 at night.
20 19	7 57	Saturn sets 30 m. before 1 in the morning.
21 18	8 19	Seven Star's south 15 m. past 2 in the morn.
22 18	8 42	Day 10 hours. 32 min. long.
23	9 4	
24 17	9 27	Mars rises 53 m. after 10 at night.
25 17	9 48	Pole Star south 8 m. past 11 at night.
26 17	10 10	Aldebaran south 46 m. after 2 in the morn.
27 16	10 31	Day decreased 6 h. 14 m.
28 16	10 53	D in Perig. nearest to the Earth.
29 16	11 14	
B 17	11 35	Sun enters m 51 m. after 5 in the morning.
1 17	11 56	Saturn sets 44 m. past 11 at night.
2 16	12 17	Mars rises 44 m. after 10 at night.
3 16	12 38	Day 9 hours 48 min. long.
4 16	12 58	Fomalhaut south 35 m. past 8 at night.
5 16	13 18	
6 16	13 38	Pole Star south 25 m. after 10 at night.
7 16	13 58	Aldebaran south 4 m. past 2 in the morn.
8 16	14 17	

November 1757.

					O	Jupiter	Ven-	Mer-
					sets.	sets.	sets.	sets.
25	Last Quarter the 3d day, at midnight				1 5 A 29	6 A		
26	New Moon the 4th day, at 6 in the aftern.				6 5	12 6		
27	First Quarter the 18th day, at 3 in the aftern.				11 4	5 5 6		0 V.
28	Full Moon the 25th day, at 6 in the aftern.				16 4	3 8 6		7 5 7
29					21 1	5 6		
30					26 7 M 27	6		
	Holy-Days, & Cries & sets.	Moon rises	Moon's Place.	Moon's Declin.		Aspects and Weather.		Sun
1 T	All Saints.	8 A 52	1 25 17	20 N 47		Favourable wea		1 9 1
2 W	Pra. Orange b.	9 50 47	2 41 21 4	20 S 15 0		All Souls.		2 10
3 H	Twilight 2 h.	10 1 47	6 2 4	18 S 1 3	1 0 3			3 11
4 F		11 50 17	2 5 26	26 S 11		for the season.		4 12
5 S	Papist Conf.	Morn. 12 29	4 3 13	1				5 13
6 D	Pr. 2nd. Ep. Trini	1 0 1 54	1 12 2 3	19 S 4				6 14
7 M	Term begins.	1 1 59	2 2 3	25 7 4		Pr. Hen. Fred.		7 15
8 T	Sun rise 7 29	3 1 7	6 2 30	and 2				8 16
9 W	Sun set 4 30	4 1 17	19 5 22	13 S 1		Dark and cloudy		9 17
10 C	T. K. Gen. H. b.	5 m 29	1 2 m 36	7 4 5		for some days.		10 18
11 F	Martinmas.	D sets 16	1 10	11 1 50				11 19
12 S	Cl. 10. 15. 35.	5 A 26	0 4 2	15 4 4				12 20
13 B	23 S. aft. Trini	6 1 5	1 4 21	7 18 22				13 21
14 M		6 5 3	2 8	21 20				14 22
15 T	Wachttus. B. 8	7 n 8 52	1 2 19 37	20 4	8 h 8			15 23
16 W	Day brig. 3 18 0 9	8 26	8 52	19 57		sharp air, inclin		16 24
17 H	Hugh. Ep. Linc.	10 1 14	1 1 33	3 17 4		able to frost.		17 25
18 F	Sunrise 7 45	1 1 9 0	2 5 1	14 3 5				18 26
19 S	Sun set 4 14.	Morn 9 X 10	1 0	3 8				19 27
20 B	24 S. aft. Trini	0 1 47	2 3 5	6 1 25				20 28
21 M		12 4 5	6 9 52	21 2 16	□ h 8. 6 0 4			21 29
22 T	O. Mart. day.	3 3 20	2 0 2 33	13 N 32				22 1
23 W	S. Clement.	4 n 34	1 4 8	2 8 10				23 1
24 H	Twilight 2 h. 15	5 1 47	1 7 2	12 1 19				24 2
25 F	Pr. W.-He. b. D rises	6 1 26	1 5	4 7	Catherine, V. M.			25 3
26 S	Advent 1st. 5 A 16	6 3 0 14	1 8 2	2 6	Wet and windy			26 4
27 B	Advent Sund.	5 1 50	2 5 24	2 0 3 8	owards the			27 5
28 M	Term ends.	6 3 7	8 25	2 0 5 1	end.			28 6
29 T	Cl. 10. 15. 17. 0 7	3 0 20	1 10 20	1 3 1				29 7
30 N	St. Andrew.	3 1 8 1	2 0 3 19	2 5	Pr. Dow. Wm.			29 8

Year	Saturn			Jupiter			Mars			Venus		
	Dec.	Decl.	Dec.	Dec.	Ω	Decl.	↑	Decl.	↑	Decl.	↑	Decl.
6 A.	11 5	17 17 S 28 25	6 18 S 20 10 11	19 N 16 16 2	24 29							
6	6 15	25 17 26 26	6 18 37 12 21	18 49 22 25 25 11								
6 OV.	13 15	35 17 23 27	12 18 52 14 23	18 21 28 26 25 33								
6	16 15	48 17 19 28	1 19 8 16 17	37 55 41 24 25 37								
6 57	21 16	41 17 14 29	26 19 25 18	2 17 3 10 23 25 22								
6	26 16	22 17 8 ° 33 19	37 19 36 17	12 16 17 24 49								

### Observations.

Sun's Sun's Moon's Moon's  
Place. Declin. Declin.

- 1 9m 16 14 S 37 Saturn sets 11 m. past 11 at night. W s.
- 10 17 14 56 In Apog. farthest from the Earth. E
- 11 17 15 15 Day decreased 7 h. 8m.
- 12 17 15 33
- 13 17 15 51
- 14 18 16 9 Mercury's greatest Matutine Elongation from the Sun 19°, rises 1 h. 57 m. before him. M
- 15 18 16 27 Mars rises 21 m. past 10 at night. V
- 16 19 17 10 Pole Star south 38 m. after 9 at night. E
- 17 20 17 10 Saturn sets 37 m. after 10 at night. M
- 18 20 17 52 Day 8 hours 48 min. long. D
- 19 21 18 8 Mercury rises 44 m. past 5 in the morning. M
- 20 21 18 24 51 0 12 8 21 2 0
- 21 21 18 35 Seven Stars south 48 m. before 1 in the morn. M
- 22 23 21 18 35 Mars rises 8 m. after 10 at night. V
- 23 23 21 18 35 In Perig. nearest to the Earth. M
- 24 24 21 19 23 Fomalhaut south 6 m. past 7 at night. M
- 25 24 19 37 Saturn sets 2 m. after 10 at night. M
- 26 25 19 5 Saturn sets 2 m. after 10 at night. M
- 27 26 20 4 Day decreased 8 h. 4m. M
- 28 27 20 17 Sun enters A 43 m. past 1 in the morning. M
- 29 27 20 29 Aldebaran south 33 m. before 1 in the morn. M
- 1 28 20 4 Mars rises 49 m. past 9 at night. M
- 2 29 20 53 Pole Star south 32 m. after 8 at night. M
- 3 30 21 16 Seven Stars south 17 m. past 11 at night. M
- 4 31 21 26 Day 8 hours 2 min. long. M
- 5 32 21 36 Saturn sets 26 m. past 9 at night. T
- 6 32 21 4 In Apog. farthest from the Earth. M

Last Quarter the 3d day, at 9 at night.

1 7 M 11 67

6 6 55 7

New Moon the 11th day, at 6 in the morn.

11 6 40 7

First Quarter the 17th day, at 11 at night.

16 6 24 7

Full Moon the 25th day, at 11 forenoon.

21 6 7 7

26 5 50 7

M.D.	W.D.	Holy-Days, S. rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	
1	L		9 A 28	13 $\Delta$ 5 31	7 N 27	6 4 8
2	F	Sunrise 8 3.	10 30 25	4 11 14	36	
3	S	Sunset 3 56.	11 35 7	23 11 11	15	Dark, cloudy
4	B	S. in Advent.	Morn. 19 30	7	24	weather about
5	M	Cl. floss 8' 4.	0 41 1 $\Delta$ 44	3	13	this time.
6	T	Nicolas.	1 48 14	16 1 S 15		
7	W		2 57 27	14 5	46	
8	E	Cong. B. V. M.	4 11 10	11 31 10	12	
9	F	Day br. 5 57.	5 24 24	17 14	13	* Ob
10	S	Cl. flos. 6 42.	6 39 8 $\Delta$ 26	7	3	
11	B	S. in Advent.	D sets 22 54	19	51	* h 8.* 49
12	M	Twilight 2 12.	5 A 27	7 19 33	20	53
13	T	Lutp, Virg.	6 35 22	17 20	31	Cold and wind
14	W	Ember Week.	7 49 6 $\Delta$ 58	18	45	with sleet or
15	E		9 6 21	31 15	46	△ 8 8. △ 0 0
16	F	Sunrise 8 12.	10 26 5 $\Delta$ 51	11	52	6 O 8 snow.
17	S	Sunset 3 48.	11 43 19	56 7	22	
18	B	S. in Advent.	Morn. 3 19 47	2	34	
19	M	Cl. flos. 2' 20.	0 57 17	23	2 N 16	
20	T	Day br. 6 1.	2 11 0 8	45	6	55
21	W	St. Thomas.	3 22 13	53 11	9	Shortest-Day.
22	E		4 33 26	49 14	49	
23	F	Sunrise 8 13.	5 41 9 $\Delta$ 31	17	42	
24	S	Sunset 3 48.	6 45 22	119	44	8 5 8
25	B	Christm. Day.	D rises 4 $\Delta$ 18	20	47	Sharp frosty
26	M	St. Stephen.	5 A 7 16	25 20	52	weather toward
27	T	Sr. John.	6 3 28	23 19	59	the end.
28	W	H. Innocents.	7 11 10	14 18	8 13	
29	E		8 2 2	115	42	
30	F	Cl. fass 3' 8.	9 8 3 $\Delta$ 48	12	31	
31	S	Sw. buster.	10 13 15	38 8	52	

Wing.	S	Saturn	Jupiter	Mars	Venus
	Decl.	Decl.	Decl.	Decl.	Decl.
Dec.	17	16 41	17 S 2	1 40 39 S 51 20	58 16 N 55 22
1757	17	2 16 56	2 47 20	4 22 9 16 43 28	4 22 51
	17	16 47 3	53 20 18 23	3 16 35 3 21 21	30
	18	16 39 4	58 20 30 23	4 16 32 9 40 19	55
	18	16 37 6	3 20 43 24	4 16 36 15 23 18	5
	18	47 16 22	7 20 53 24 R	8 16 46 21 3 16	7

S	Sun's Place.	Sun's Declin.	Observations.
1	9 1 34	21 S 56	
2	35 22	5	Mars rises 26 m. past 9 at night.
3	36 22	13	Day decreased 8 h. 34 m.
4	37 22	21	Pole Star south 57 m. after 7 at night.
5	38 22	29	Seven Stars south 42 m. past 10 at night.
6	39 22	36	
7	40 22	43	Saturn sets 55 m. after 8 at night.
8	41 22	49	Fomalhaut sets 32 m. past 8 at night.
9	42 22	55	Mars rises 3 m. after 9 at night.
10	43 23	0	Day 7 hours 40 min. long.
11	44 23	5	
12	45 23	10	Pole Star south 22 m. past 7 at night.
13	46 23	14	Sirius south 12 m. after 7 in the morning.
14	48 23	17	Uranus in Perigea est to the Earth.
15	49 23	20	
16	50 23	23	Cambridge Term ends.
17	51 23	25	Rigel south 20 m. past 1 at night.
18	52 23	27	Hydra's Heart so. 32 m. after 3 in the morn.
19	53 23	28	Pole Star south 54 m. past 6 at night.
20	54 23	29	
21	54 23	29	Sun enters 19 48 m. past 1 in the afternoon.
22	57 23	29	Saturn sets 57 m. past 7 at night.
23	1 58 23	28	Mars rises 6 m. after 8 at night.
24	2 59 23	27	
25	0 23	25	The Year runs round as in a constant Ring,
26	1 23	23	And sultry Summer waftes the milde Spring;
27	3 23	21	Whose hot Meridian, quickly overpast,
28	4 23	18	Declines to Autumn, which with bounteous Haste
29	5 23	14	Comes crown'd with Grapes, but suddenly is crest;
30	6 23	10	Cold Winter nips his Vintage with a Frost.
31	7 23	6	

The Longitude of Mercury and Declination for  
the Year 1757.

Days	aqua.	Febr.			March		April		May		June		
		8	15	22	R	5	10	X	55	11	8	18	45
1													
4	13	20	3	58	24	50	21	16	17	49	7	1	
7	18	15	7	32	24	D	36	25	54	24	17	9	
10	23	13	8	51	25	17	OY	45	O	II	35	10	
13	23	16	9	R	9	26	40	5	49	6	37	11	
16	3	22	7	56	28	46	11	10	12	16	31	R	
19	8	33	5	28	I	X	24	16	45	37	29	10	
22	13	43	2	20	4	22	22	33	22	17	9		
25	18	51	29	13	7	46	28	31	26	3	7	2	
28	23	51	26	44	11	33	48	53	O	25	21	5	
July		August		Sept.		Octob.		Nov.		Dec.			
1	3	59	25	55	24	50	3	m	48	22	18	1	
4	2	R	14	1	2	4	29	39	5	57	23	42	
7	1	57	7	49	4	15	7	24	26	16	10	3	
10	1	D	58	13	59	8	43	7	57	29	44	15	
13	3	46	20	4	13	0	7	R	24	3	46	19	
16	4	24	26	3	17	5	5	34	8	3	14	30	
19	6	51	1	m	25	20	59	2	32	12	3	29	
22	10	6	7	29	24	40	28	49	17	8	4	19	
25	14	6	12	5	28	4	25	18	21	46	9		
28	18	48	18	8	1	m	8	22	55	26	2	11	

The Declination of Mercury to every Fifth Day.

Days	1	1	6	11	16	21	26					
January	23	S	51	24	20	23	13	21	23	18	59	15
February	11	S	50	8	31	6	12	5	31	6	48	8
March	16	S	16	1	51	12	34	12	25	11	33	9
April	7	S	21	4	32	1	15	2	N	21	6	32
May	15	N	8	19	4	22	13	24	22	25	26	25
June	24	N	57	23	54	22	30	21	15	20	1	19
July	18	N	4	18	5	10	29	20	27	21	24	22
August	21	N	3	20	10	17	41	14	26	10	54	7
September	2	N	3	1	S	12	4	8	11	11	31	3
October	15	S	43	7	4	7	4	5	52	2	40	0
November	6	S	57	7	41	9	56	1	30	15	19	17
December	20	S	1	22	16	2	4	25	1	25	1	25

# W I N G.

A

## PROGNOSTICATION,

For the Year of our

LORD GOD, 1757.

An Explanation of the Characters made use of in  
this Almanack.

The Seven Planets  
and Five Aspects.

- ♄ Saturn
- ♃ Jupiter
- ♂ Mars
- The Sun
- ♀ Venus
- ☿ Mercury
- ☾ The Moon
- ☌ Conjunction
- \* Sextile
- Square
- △ Trine
- ☍ Opposition

Aspects.

The Twelve  
Signs.

- ♈ Aries
- ♉ Taurus
- ♊ Gemini
- ♋ Cancer
- ♌ Leo
- ♍ Virgo
- ♎ Libra
- ♏ Scorpio
- ♐ Sagittary
- ♑ Capricorn
- ♒ Aquarius
- ♓ Pisces

Lands surveyed, divided and inclosed, and Maps of  
the same correctly delineated. Also Timber and Pole  
Wood surveyed, valued and sold by *Vincent Wing of*  
*Pickworth, in the County of Rutland.*

Wing 1757.

I. A Compendious Chronology of Memorab  
Things since the Creation to this presen  
Year.

A.P.J.	before Christ.	Yea rs since the Cre ation
710	4004	The Creation of the World
1766	2948	Noah born
2366	2348	Noah's Flood began
2481	2233	The Babylonian Monarchy established
2718	1996	Abraham born
2986	1728	Joseph sold into Egypt
3143	1571	Moses born
3223	1491	The Israelites Departure out of Egypt
3530	1184	Troy taken and destroyed by the Greeks
3710	1004	Solomon's Temple buile and dedicated
4126	588	Jerusalem and the Temple destroyed
4176	538	Daniel delivered from the Den of Lions
4198	516	The Temple of Jerusalem rebuilt
4391	323	The Death of Alexander the Great
4710	4	The true Year of Christ's Birth
4714	0	The vulgar Year of Christ's Birth

A.D.		Yea rs since the Cre ation
33	The Passion and Resurrection of Jesus Christ	172
70	Jerusalem and the Temple destroyed by Titus	168
100	St. John, the last of the Apostles, dies Dec. 20.	165
313	Christianity triumphs under Constantine	144
476	Augustulus the last Roman Emperor deposed	128
606	The wicked Phocas makes Pope Boniface Head of the Church	115
608	Mahomet broaches his Imposture at Mecca	114
872	Italy and Rome plundered by the Saracens	88
1012	Swain King of Denmark conquers England	74
1066	William Duke of Normandy conquers England	69
1110	Arts and Sciences taught in Cambridge	64
1119	The first War between the French and English	63
1300	The Mariners Compass invented	45
1330	The Canaries discovered by an English Ship	42
1380	Gunpowder and the Use of Guns first found out	37
1453	Constantinople taken from the Christians	30

A.D.		Years since.
1463	The Persians conquered by Tamerlane	294
1500	Rome plundered by the Duke of Bourbon	255
1517	Martin Luther first disputed against Popery	240
1536	England separated from the Church of Rome	221
1588	The Spanish Armado defeated by the English	169
1603	Q. Eliz. dies, Mar. 24. and K. James I. began	154
1604	Died of the Plague in Lond. in 2 Years 68,596	153
1605	Gunpowder Treason, Nov. 5.	152
1613	The New River Water brought to London	144
1618	The excellent Sir Walter Raleigh beheaded	139
1625	K. James I. died. K. Charles I. began, Mar. 27.	132
1625	35,417 Persons died of the Plague in London	132
1641	The cruel Irish Massacre began, October 23.	116
1643	Burleigh-house stormed by Cromwel, July 24.	114
1649	K. Charles I. barbarously murdered, Jan. 30.	108
1660	King Charles II. restored, May 29.	97
1665	68,586 Persons died of the Plague in London	92
1666	London burnt, and a great Sea-Fight with the Dutch	
1672	War declared against the Dutch, March 17.	91
1674	A great Snow for 11 Days together	85
1675	The Town of Northampton burnt, Sept. 3.	83
1680	A great and splendid Comet appeared	82
1684	The great Frost that held 13 Weeks	77
1685	K. Cha. II. died, Feb. 6. and K. James II. began	73
1685	The Duke of Monmouth beheaded, July 15.	72
1688	Seven Bishops sent to the Tower, June 8.	72
1688	King James II. abdicated, December 12.	69
1689	K. William and Q. Mary crown'd, April 11.	69
1692	The French Fleet intirely defeated by the English	68
1698	Whitehall Palace intirely destroyed by Fire, except the Banqueting House	65
1702	K. William died, March 8. and Q. Anne began	59
1702	Q. Anne proclaimed War against France, May 4	55
1703	A great and terrible Wind, Nov. 26, and 27.	55
1704	Gibraltar taken by the English	54
1707	England and Scotland united, May 1.	53
1709	Sacheverel preached his seditious Sermon, Nov. 5.	51

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A.D.		Years since.
1710	Riots and great Disturbances in England	47
1714	Q. Anne died, Aug. 1. and K. George I. began	43
1715	A famous Total Eclipse of the ☽ in England, April 22. in the Morning	42
1715	A Rebellion in Scotl. and Lancashire suppressed	42
1716	A great Frost in the Beginning of this Year	41
1718	The Spanish Fleet destroyed by Admiral Byng, near Syracuse, July 31.	39
1719	A surprizing Meteor seen, March 19, at 8 at Night	38
	Mr. Flamsteed, a celebrated Astronomer, died December 31.	38
1727	The incomparable Sir I. Newton died Mar. 20.	30
1727	K. George I. died, June 10, and K. George II. began	30
1734	The Prince and Princess of Orange married, March 14.	23
1736	The Battle of the Breeches in Italy, Sept. 4.	23
1739	The Pr. and Princess of Wales married, Ap. 27.	21
1739	Letters of Marque published in London against the Spaniards, July 16.	18
1739	War declared by Great Britain against Spain, October 23.	18
1739	Porto-Bello taken and destroyed by Admiral Vernon, Nov. 22.	18
1740	A very severe Frost from Dec. 25. to Feb. 27.	17
1742	A Comet appeared from Feb. 18. to Mar. 14	15
1743	A Conjunction of ♀ and ♁ Aug. 18. in ♈	15
1743	A splendid Comet appeared from Decemb. 23. to February 18. in ♉.	14
1744	March 4. France declared War against England. and March 31. England declared War against France.	13
1745	Cape Breton taken from the French, June 16.	12
1746	The Scotch Highland Rebels defeated by his Royal Highness the Duke of Cumberland, at Culloden, near Inverness, April 16.	10
1748	A General Peace, signed Octob. 7.	9

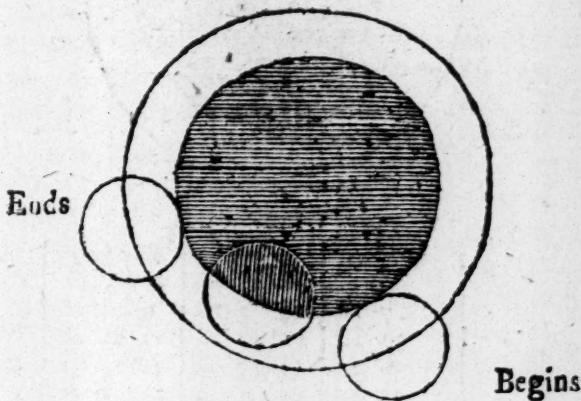
Wing 1757.

Of the Eclipses of the Luminaries, and other  
Cœlestial Phænomena this Year 1757.

HERE will be four Eclipses, two of each Luminary,  
and will happen in the following Order.

The first Eclipse is of the Moon, and will happen on ~~Fri~~  
day the 4<sup>th</sup> of February in the Morning: It will be only vi-  
sible in Part of our British Isle, the Moon being set some  
considerable Time before the Eclipse ends; but may be seen  
from the Beginning to the End in most Parts of North and  
South America. The following Calculations are for London,  
Kingston in Jamaica, and Boston in New-England.

The Type for London.



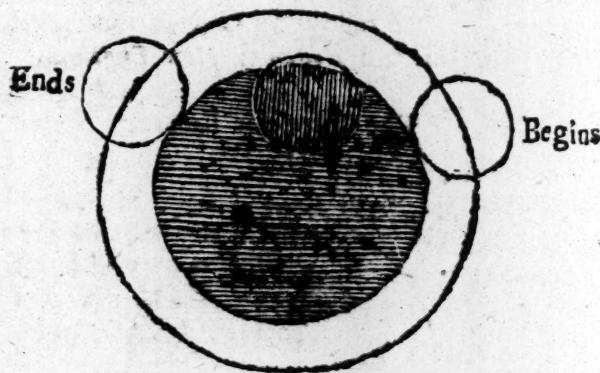
	London.	Boston.	Kingston.	
	H. M. S.	H. M. S.	H. M. S.	
Beginning	17 44 1	13 1 9	12 37 45	
Ecliptic ♂	18 59 59	14 17 7	13 53 43	February the
Middle	19 8 4	14 25 12	14 1 48	3d, in Afternoon.
End	20 32 7	15 49 15	15 25 51	
Whole Duration	2 48 6	2 48 6	2 48 6	
Digits Eclipsed	6 39 28	6 39 28	6 39 28	

Wing 1757.

The second Eclipse is of the Sun, on *Friday* the 18th of *February*, near One in the Afternoon; and though the Sun have a very considerable Elevation above our Horizon at that Time, yet the Moon's Parallax of Latitude will depress her too low to interpose between the Sun and us.

The third is an Eclipse of the Moon, and almost a total one, and visible if the Air proves clear; it happens partly on the 30th of *July* at Night, and partly on the 31st in the Morning according to the following Calculation,

**The Type for London.**



	London.	York.	Edinburg.	
	H. M. S.	H. M. S.	H. M. S.	
Beginning	10 7 18	10 3 18	9 55 18	
Ecliptic ♂	11 34 28	11 30 28	11 22 28	July the 30th,
Middle	11 39 34	11 35 34	11 27 34	in the Aftern.
End	12 11 50	12 7 50	12 59 50	
Whole Duration	3 4 32	3 4 32	3 4 32	
Digits Eclipsed	11 26 1	11 26 1	11 26 1	

The fourth and last Eclipse is of the Sun, on *Sunday* the 14th of *August*, near Ten at Night, and therefore invisible here, and in all these Parts of the Globe.

Other

Wing 1757.

## Other Celestial Appearances.

ON the 19th of February near Five in the Morning, the two superior Planets *Saturn* and *Mars* will be in Conjunction, and will rise very near together, about half an Hour before the Sun; their Difference of Latitude will be only one Minutes.

The Moon this Year will make several near Appulses to the notable fixed Star, called *Aldebaran*; some of which may probably prove Occultations. I suppose that on the 25th Day of February near Seven at Night will be so; though I must confess that I have not Leisure enough to give a particular Account of it either by Calculation or geometrical Construction. The several greatest Elongations of *Mercury* from the Sun will be remarked in the Almanack against the Days of the Month on which they will happen, to which I refer the Reader.

I think it proper to inform the Curious, that the late incomparable Sir Isaac Newton was of Opinion, that the Comet which appeared in the Year 1682, will appear again next Year, viz in 1758; if this should come to pass (as I have Hopes it will) it will greatly confirm his Doctrine of Cometic Astronomy.

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## A Table of the Eclipses of Jupiter's first Satellites, reduced to correct or apparent Time 1757.

Immersions. January.	Immersions. January.	Immersions. January,	Immersions. January.
D. H. M. S.			
2 15 13 41	11 11 31 19	18 13 21 56	25 15 13 9
4 9 41 11	13 5 58 49	20 7 49 41	27 9 41 4
6 4 8 43	15 0 26 50	22 2 17 28	29 4 9 7
7 22 36 16	16 18 54 12	23 20 45 15	30 22 37 11
9 17 3 49			

Wing 1757

Immersions.				Emersions.			
February.		April		June.		August.	
D.	H.	M.	S.	D.	H.	M.	S.
1	17	5	14	6	10	16	31
3	11	33	18	8	4	45	24
5	6	1	27	9	23	14	18
7	0	29	37	11	17	43	12
8	18	57	51	13	12	12	4
10	13	26	6	15	6	40	56
12	7	54	23	17	1	9	53
14	2	22	41	18	19	38	50
15	20	51	3	20	14	7	39
17	15	19	26	22	8	36	28
19	9	47	59	24	3	5	14
21	4	16	33	25	21	34	1
22	22	45	6	27	16	2	47
24	17	13	40	29	10	31	33
26	11	42	16				
28	6	10	53				
March.				1	5	0	16
2	0	39	31	2	23	28	59
3	19	8	10	Emersions.			
5	13	36	53	6	14	34	28
7	8	5	37	8	9	3	6
9	2	34	27	10	3	31	42
10	21	3	17	11	22	0	19
12	15	32	7	13	16	28	51
14	10	0	57	15	10	57	23
16	4	29	48	17	5	26	0
17	22	58	39	18	23	54	37
19	17	27	28	20	18	23	4
21	11	56	18	22	12	51	32
23	6	25	11	24	7	19	57
25	0	54	4	26	1	48	22
26	19	22	58	27	20	16	45
28	13	51	53	29	14	45	8
30	8	20	54	31	9	13	29
April.				June.			
1	2	49	55	2	3	41	51
2	21	18	47	3	22	10	18
4	15	47	39	5	16	38	46
May.				July.			
1	5	0	16	2	5	43	35
2	4	18	40	4	0	11	57
3	19	13	8	5	18	40	21
5	7	7	37	7	13	8	46
7	11	2	5	9	7	31	13
9	12	1	0	11	1	0	24
10	12	19	29	12	20	34	17
12	14	15	2	12	15	2	53
14	16	9	31	16	9	31	26
16	18	4	0	18	4	0	0
17	14	15	2	21	16	57	14
19	14	14	56	21	16	57	14
21	19	12	27	23	11	25	56
23	21	15	56	25	19	21	27
25	21	15	56	27	0	23	22
26	21	15	56	28	17	53	30
28	21	15	56	30	12	22	49
October.				August.			
1	2	6	52	2	1	21	16
2	5	19	50	3	5	19	50
3	7	14	19	4	5	19	50
4	9	8	48	5	7	14	19
5	9	8	48	6	9	8	48
6	11	3	17	7	11	3	17
Emerson.				September.			

Wing. 1757.

Emersions. October.	Emersions. October.	Immersions. December.	Immersions, December.
D. H. M. S.	D. H. M. S.	D. H. M. S.	D. H. M. S.
12 21 46 51	25 7 9 27	ember the 21st.	20 19 58 51
14 16 15 53	27 1 38 11		22 14 26 23
16 10 44 51	28 20 6 55	11 23 41 3	24 8 53 58
18 5 13 49	30 14 35 40	13 18 8 39	26 3 21 33
19 23 42 48	Conjunction	15 12 36 15	27 21 49 5
21 18 11 46	of the Sun and	17 7 3 47	29 16 16 36
23 12 40 37	Jupiter, No-	19 1 31 18	31 10 44 5

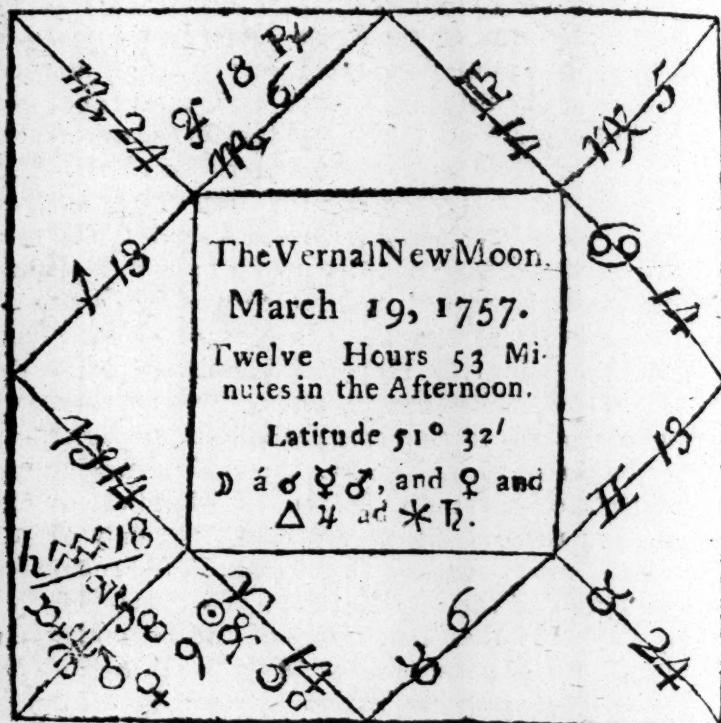
The Times of the Eclipses contained in this Table, are adapted to the Meridian of the Royal Observatory near London; and by carefully observing the Times of the Immersions and Emersions of this Satellite, which is the most convenient and proper for Geographical Purposes, of any of the other three, the Longitude or Difference of the Meridian of the Place where the Observation is made, and the Place the Eclipses are calculated for, may be exactly discovered; and is the most correct and practical Method ever yet hit upon: Notwithstanding the many whimsical, and some ingenious Ways, invented for that Purpose, by several Persons which have spent much Time and Labour, in Hopes of gaining the great Reward of Twenty Thousand Pounds offered by Parliament, for a practical Method for solving that grand Problem with Certainty, but hitherto to no Effect. It is also much more easy and correct to find the Difference of Meridians by this Method, than by the Eclipses of the Moon, not only on Account of their more frequent happening, but because the Motion and Times of these Immersions and Emersions are more easily observed, than the Times of the Beginning and End of a Lunar Eclipse; because the Time of the Moon's Ingress into the Shadow of the Earth, and her Egress out of it, is not easily distinguished from that of the Penumbra.

I shall illustrate the Use of the Table by an Example.

Suppose on the 23d of September this present Year, the Emersion of Jupiter's first Satellite be observed by a good Telescope,

Wing 1757.

Iesope, to happen at thirty Miutes and fifteen Seconds past Eleven at Night; I find by the Table, that the Time of this Emerson will happen at the British Observatory the same Night at twenty-five Minutes and thirty-seven Seconds after Ten: The Difference of the Time is one Hour, four Minutes and thirty-eight Seconds, which being converted into Degrees and Minutes of the Equator, gives sixteen Degrees, nine Minutes and thirty Seconds, the true Difference of Longitude East, because at the Place of Observation the Time is more from Noon than at the Observatory.



For Want of Room and Leisure, I shall suspend my Judgment on this Figure, and only observe, that,

*When on the Sea two mighty Fleets engage,  
Oppose with Anger and with equal Rage:*

Wing 1757.

On either Side the Foe distract'd grows,  
And Death unseen in dreadful Tempest flows :  
Destruction they exchange ; by Turns they give  
Exploded Ruin, and by Turns receive  
Fury and Art produce Effects so strange,  
They trouble Nature, and her Visage change,  
Night, Horror, Slaughter with Confusion meets,  
And in their sable Arms embrace the Fleets.  
Through yielding Planks the angry Bullets fly,  
And of one Wound Hundreds together die :  
Born under diff'rent Stars, one Fate they have,  
The Ship their Coffin, and the Sea their Grave.

Wing 1757.

A Table of the Equation of natural Days exactly calculated  
for the Year 1757.

	Janu.	Feb.	March.	April.	May.	June.
1	4 S. 22	14 14	12 42	3 55	3 10	2
2	4 50	14 21	12 30	3 37	3 18	2
3	5 18	14 27	12 17	3 19	3 25	2
4	5 45	14 32	12 4	3 0	3 31	2
5	6 12	14 37	11 50	2 42	3 37	2
6	6 38	14 41	11 35	2 24	3 42	1
7	7 4	14 43	11 20	2 7	3 47	1
8	7 29	14 45	11 4	1 50	3 51	1
9	7 54	14 46	10 48	1 32	3 54	1
10	8 19	14 46	10 32	1 15	3 57	1
11	8 43	14 46	10 16	0 58	3 59	0
12	9 7	14 45	9 59	0 42	4 1	0
13	9 30	14 43	9 42	0 26	4 1	0
14	9 52	14 41	9 25	0 11	4 2	0
15	10 12	14 38	9 8	0 A. 4	4 2	0
16	10 32	14 34	8 50	0 19	4 2	0
17	10 51	14 29	8 32	0 33	4 1	0
18	11 10	14 23	8 14	0 47	3 59	0
19	11 28	14 17	7 56	1 1	3 57	0
20	11 46	14 10	7 38	1 15	3 54	0
21	12 3	14 3	7 20	1 28	3 50	1
22	12 19	13 55	7 1	1 40	3 46	1
23	12 34	13 46	6 43	1 52	3 41	1
24	12 48	13 37	6 24	2 3	3 36	1
25	13 2	13 27	6 6	2 14	3 31	2
26	13 15	13 17	5 47	2 25	3 25	2
27	13 27	13 6	5 28	2 35	3 19	2
28	13 38	12 54	5 10	2 45	3 12	2
29	13 48		4 51	2 54	3 5	2
30	13 57		4 32	3 2	2 57	3
31	14 6		4 13		2 49	

If the equal Time be given; add to, or subtract the tabular  
Numbers from it, as directed by the Table, the Sum or Diff-  
ence will be the correct or apparent Time.

Wing 1757.

A Table of the Equation of natural Days, exactly calculated  
for the Year 1757.

	July.	August.	Sept.	October	Nov.	Decem.
1	3 S. 15	5 47	0 A. 24	10 30	16 14	10 25
2	3 26	5 43	0 43	10 49	16 14	10 2
3	3 37	5 38	1 3	11 8	16 13	9 38
4	3 48	5 33	1 22	11 26	16 11	9 13
5	3 59	5 27	1 42	11 43	16 9	8 47
6	4 9	5 21	2 1	12 0	16 7	8 21
7	4 19	5 13	2 21	12 17	16 4	7 55
8	4 29	5 6	2 41	12 33	15 59	7 28
9	4 38	4 58	3 1	12 49	15 54	7 1
0	4 46	4 50	3 21	13 5	15 48	6 34
1	4 54	4 41	3 41	13 20	15 40	6 6
2	5 1	4 32	4 2	13 35	15 32	5 38
3	5 8	4 22	4 23	13 49	15 23	5 10
4	5 15	4 11	4 45	14 2	15 13	4 41
5	5 22	4 0	5 6	14 15	15 2	4 12
6	5 28	3 48	5 27	14 28	14 51	3 42
7	5 34	3 36	5 48	14 40	14 39	3 12
8	5 39	3 23	6 8	14 51	14 26	2 42
9	5 43	3 10	6 29	15 2	14 12	2 11
0	5 47	2 56	6 49	15 12	13 58	1 41
1	5 50	2 41	7 10	15 21	13 42	1 11
2	5 53	2 25	7 31	15 30	13 26	0 41
3	5 54	2 10	7 51	15 38	13 9	0 11
4	5 56	1 54	8 12	15 45	12 51	0 S. 20
5	5 57	1 38	8 32	15 51	12 32	0 50
6	5 57	1 22	8 53	15 56	12 13	1 20
7	5 57	1 5	9 13	16 1	11 53	1 50
8	5 57	0 47	9 33	16 5	11 32	2 19
9	5 56	0 30	9 52	16 8	11 10	2 48
0	5 54	0 12	10 11	16 11	10 48	3 17
1	5 51	0 A. 6	16 12			3 46

If the correct or apparent Time be given; add to, or subtract the tabular Numbers from it, contrary to the Directions of the Table; the Sum or Difference will be the equal Time.

That the bare Motion of the Heavens and Earth  
are a Demonstration of God.

N treating concerning the Motion of the heaven  
Bodies, (faith my Author) it will be necessary to ra  
in that of the Earth too, it being not easy to speak of o  
without the other. And here are two Things that are m  
nifest Demonstrations of the Presence and Management  
of God, namely, that such Bodies should move at all; a  
that their Motion is so regular.

That all those vast Globes of the Universe should ha  
a Motion, must of Necessity be from some Being that h  
Power enough to put them in Motion. For as *Lactantius*  
well argues, there is indeed a Power in the Stars (and i  
like may be said of the rest of the Globes) of performi  
their Motions, but that is the Power of God, who ma  
and governs all Things, nor of the Stars themselves th  
are moved. For it is impossible for such lifeless, du  
unwieldy Bodies to move themselves, but what Mot  
they have, they must receive from something else ab  
to move them.

Now this some will say may be effected by the Vortic  
surrounding the Sun, the Earth, or other primary Mover  
or from a vectoral Power, or Emanations of the Sun, or  
ther the like primary Movers, carrying about and pushi  
on such Bodies as move about them. But allowing that  
is possible it might be so, yet still we must recur to som  
first Mover, some primary Agent, who was able to sett  
principal Mover in Motion; and then the Case amounts  
much the same, and the Argument hath the same Force  
whether we attribute the Motion of one, or all the sever  
Globes to the Power of God. For in our solar System, f  
instance, if it should be thought, that the six prima  
Planets revolving round the Sun, received their Motio  
from his Revolution round his own Axis; yet let us thin

as *Plato* argues, how it is possible for so prodigious a Mass to be carried round for so long a Time, by any natural Cause? For which Reason (saith he) I assert God to be the Cause, and that it is impossible it should be otherwise. Thus *Plato*; and his Argument is undoubtedly good, since, as *Aristotle* argues, every Thing that is moved, must of Necessity be moved by some other Thing; and that Thing must be moved by something that is moved either by another, or not by another Thing. If it be moved by that which is moved by another, we must of Necessity, saith he, come to some prime Mover, that is not moved by another. For it is impossible that what moveth, and is moved by another, should proceed *in infinitum*.

And now, therefore, if in our solar System, we should imagine the Moon to be wheeled about our Earth, by the Motion and vectoral Power of the Earth; and the Moons about *Saturn* and *Jupiter* by the Motion and vectoral Power of those Planets; and all the primary Planets to be turned round about the Sun by the Power of the Sun, yet at last we must find out a Mover of the Sun itself, and those other Primaries; a Cause of sufficient Power to wheel about those prodigious Masses of such vast Bulks, and which, besides their own Weight, are, according to the former Hypothesis, clogged and encumbered with the *Vis Inertiae* of all those Planets, whether primary or secondary, or both, which they drive round. And if this was the Case, what Power can be found sufficient for this Work, but that of the same infinite Hand that at first gave them Being!

And so for all the rest of the moving Bodies of the Universe, such as Comets, new Stars, and the slow Motions of the Firmament, or fixt Stars in 25920 Years. This latter I shall say no more of, because it may not arise from any Motion of the Firmament itself, but from some other Cause. But for Comets, what Power but that of the Almighty could give them such prodigious Projections as their Trajectories or Orbs are found to have? Orbs that run into such amazingly long Ellipses, that it is wonderful how their projectile Force should carry them to such immense Distances.

Wing 1757.

tances, and their Gravity at the same Time bring them back, and retain them in their Orbs.

And so for the new Stars which are so many Signals planetary Systems dispersed here and there all over the Universe, they are all of them so many Manifestations and Demonstrations of an infinite Being, that hath imparted Motion unto them: And they are a Sign also that there are other Globes, besides the Sun and its Planets, which are moving Bodies, even that all the Globes in the Universe are such, and consequently so many Proofs of a Almighty first Mover.

Thus the bare Motions of the Earth, and of the Heavens are so many Arguments of a divine Power therein contained.

## F I N I S.

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